

FIBER OPTIC PATCH CORD

FEATURES

- HIGH STABLE MATING AND DE-MATING CHARACTERISTICS
- LOW INSERTION LOSS AND HIGH RETURN LOSS
- CUSTOMIZED ASSEMBLY
- VARIOUS CONNECTOR AND OPTICAL PERFORMANCE COMBINATIONS

HOW TO ORDER

SIMPLEX PATCH CORD/PIGTAIL.....**12-AFM101-L**
 DUPLEX PATCH CORD.....**13-HP5124-L**

CONNECTOR TYPE (FOR BOTH ENDS)

0 = NONE
 A = ST
 C = FC/PC TYPICAL TYPE
 D = FC/PC ONE PIECE TYPE
 I = FC/APC
 F = SC
 J = SC/APC
 H = SC DUPLEX WITH CLIP
 K = SC/PC DUPLEX WITH CLIP
 L = LC
 P = LC DUPLEX WITH CLIP
 M = MTRJ
 N = MTRJ WITH GUIDE PIN

POLISH GRADE

M1 = MULTIMODE (MM), PC POLISH
 S1 = SINGLEMODE (SM), SPC POLISH, RL > 40dB
 S2 = SINGLEMODE (SM), UPC POLISH, RL > 50dB
 S3 = SINGLEMODE (SM), APC POLISH, RL > 60dB

NORMAL & OM3 CABLE TYPE

01 = MM, 62.5/125um, 3.0mm SIMPLEX, ORANGE
 12 = MM, 62.5/125um, 2.0mm SIMPLEX, ORANGE
 03 = MM, 62.5/125um, 0.9mm SIMPLEX, ORANGE
 07 = MM, 62.5/125um, 3.0mm ZIPCORD, ORANGE
 23 = MM, 62.5/125um, 2.0mm ZIPCORD, ORANGE
 26 = MM, 62.5/125um, 1.8mm ZIPCORD, ORANGE
 16 = MM, 62.5/125um, 3.0mm DUALLAN, ORANGE
 09 = MM, 50/125um, 3.0mm SIMPLEX, GRAY
 13 = MM, 50/125um, 2.0mm SIMPLEX, GRAY
 34 = MM, 50/125um, 0.9mm SIMPLEX, GRAY
 11 = MM, 50/125um, 3.0mm ZIPCORD, GRAY
 25 = MM, 50/125um, 2.0mm ZIPCORD, GRAY
 28 = MM, 50/125um, 1.8mm ZIPCORD, GRAY
 18 = MM, 50/125um, 3.0mm DUALLAN, GRAY
 04 = SM, 9/125um, 3.0mm SIMPLEX, YELLOW
 14 = SM, 9/125um, 2.0mm SIMPLEX, YELLOW
 06 = SM, 9/125um, 0.9mm SIMPLEX, WHITE
 08 = SM, 9/125um, 3.0mm ZIPCORD, YELLOW
 24 = SM, 9/125um, 2.0mm ZIPCORD, YELLOW
 27 = SM, 9/125um, 1.8mm ZIPCORD, YELLOW
 17 = SM, 9/125um, 3.0mm DUALLAN, YELLOW
 FMA = OM3, 50/125um, 3.0mm SIMPLEX
 FMC = OM3, 50/125um, 3.0mm ZIPCORD
 FMJ = OM3, 50/125um, 0.9mm SIME-TIGHT
 **FOR MORE TYPES, PLEASE CONTACT US
 VIA info@epct.com.tw; sales@epct.com.tw

CABLE JACKET TYPE

:- PVC (OFNR) JACKET
 #: LSOH (LSZH) JACKET

LENGTH

10M = 10 METER
 10F = 10 FEET

www.epct.com.tw info@epct.com.tw

MTP , MPO & FAN OUT PATCH CORD

FEATURES

- EASY TO CONNECT & DISTRIBUTE
- COMPACT AND COORDINATE DESIGN
- HIGH PERFORMANCE IN IL& RL

HOW TO ORDER

RIBBON FLAT-SIMPLEX.....**13X-QQM1R5C-L/XX**
 RIBBON FLAT-SIMPLEX.....**13X-QQM1B5C-L**

NUMBER OF FIBERS

B = 8 FIBERS
 C = 12 FIBERS

CONNECTOR TYPE (FOR BOTH ENDS)

Q = MPO CONNECTOR
 R = MPO CONNECTOR WITH GUIDE PIN
 T = MTP CONNECTOR
 S = MTP CONNECTOR WITH GUIDE PIN

POLISH GRADE

M1 = MULTIMODE (MM), PC POLISH
 S1 = SINGLEMODE (SM), SPC POLISH, RL > 40dB
 S2 = SINGLEMODE (SM), UPC POLISH, RL > 50dB
 S3 = SINGLEMODE (SM), APC POLISH, RL > 60dB

RIBBON FLAT-SIMPLEX CABLE TYPE

R56 = 6C, MM 50/125um, 4.0 x 2.5mm CABLE
 R58 = 8C, MM 50/125um, 4.5 x 2.5mm CABLE
 R5C = 12C, MM 50/125um, 5.0 x 2.5mm CABLE
 R66 = 6C, MM 62.5/125um, 4.0 x 2.5mm CABLE
 R68 = 8C, MM 62.5/125um, 4.5 x 2.5mm CABLE
 R6C = 12C, MM 62.5/125um, 5.0 x 2.5mm CABLE
 R96 = 6C, SM 9/125um, 4.0 x 2.5mm CABLE
 R98 = 8C, SM 9/125um, 4.5 x 2.5mm CABLE
 R9C = 12C, SM 9/125um, 5.0 x 2.5mm CABLE

BARE RIBBON CABLE TYPE

B56 = 6C, MM 50/125um, 1650 x 320um ± 10um CABLE
 B58 = 8C, MM 50/125um, 2180 x 320um ± 10um CABLE
 B5C = 12C, MM 50/125um, 3250 x 320um ± 10um CABLE
 B66 = 6C, MM 62.5/125um, 1650 x 320um ± 10um CABLE
 B68 = 8C, MM 62.5/125um, 2180 x 320um ± 10um CABLE
 B6C = 12C, MM 62.5/125um, 3250 x 320um ± 10um CABLE
 B96 = 6C, SM 9/125um, 1650 x 320um ± 10um CABLE
 B98 = 8C, SM 9/125um, 2180 x 320um ± 10um CABLE
 B9C = 12C, SM 9/125um, 3250 x 320um ± 10um CABLE

CABLE JACKET TYPE

:- PVC (OFNR) JACKET
 #: LSOH (LSZH) JACKET

LENGTH

10M = 10 METER
 10F = 10 FEET

JACKET COLOR

WH = WHITE, OR = ORANGE, BL = BLUE
 BR = BROWN, YL = YELLOW, GN = GREEN

ST / FC PATCH CORD

ST / FC PATCH CORD	CABLE TYPE	PART DESCRIPTION	PART NUMBER
ST PATCH CORD			
	PIGTAIL	SM 9/125um 0.9 mm LOOSE BUFFER, WHITE CABLE	12-0AS144-L/WH
		MM 50/125um 0.9mm LOOSE BUFFER, WHITE CABLE	12-0AM140-L/WH
		MM 62.5/125um 0.9mm LOOSE BUFFER, WHITE CABLE	12-0AM146-L/WH
	SIMPLEX	SM 9/125um 3.0mm, YELLOW CABLE	12-AAS104-L
		MM 50/125um 3.0mm, GRAY CABLE	12-AAM109-L
		MM 62.5/125um 3.0mm, ORANGE CABLE	12-AAM101-L
	DUPLEX	SM 9/125um 3.0mm, YELLOW CABLE	13-AAS108-L
		MM 50/125um 3.0mm, GRAY CABLE	13-AAM111-L
		MM 62.5/125um 3.0mm, ORANGE CABLE	13-AAM107-L
FC Patch Cord			
	PIGTAIL	SM 9/125um 0.9 mm LOOSE BUFFER, WHITE CABLE	12-0CS144-L/WH
		SM/APC 9/125um 0.9mm LOOSE BUFFER, WHITE CABLE	12-0IS144-L/WH
		MM 50/125um 0.9mm LOOSE BUFFER, WHITE CABLE	12-0CM140-L/WH
		MM 62.5/125um 0.9mm LOOSE BUFFER, WHITE CABLE	12-0CM146-L/WH
	SIMPLEX	SM 9/125um 3.0mm, YELLOW CABLE	12-CCS104-L
		SM/APC 9/125um 3.0mm, YELLOW CABLE	12-IIS104-L
		MM 50/125um 3.0mm, GRAY CABLE	12-CCM109-L
		MM 62.5/125um 3.0mm, ORANGE CABLE	12-CCM101-L
	DUPLEX	SM 9/125um 3.0mm, YELLOW CABLE	13-CCS108-L
		SM /APC 9/125um 3.0mm, YELLOW CABLE	13-IIS108-L
		MM 50/125um 3.0mm, GRAY CABLE	13-CCM111-L
		MM 62.5/125um 3.0mm, ORANGE CABLE	13-CCM107-L









SC / LC PATCH CORD

SC / LC PATCH CORD	CABLE TYPE	PART DESCRIPTION	PART NUMBER
SC PATCH CORD			
	PIGTAIL	SM 9/125um 0.9 mm LOOSE BUFFER, WHITE CABLE	12-0FS144-L/WH
		SM/APC 9/125um 0.9mm LOOSE BUFFER, WHITE CABLE	12-0JS144-L/WH
		MM 50/125um 0.9mm LOOSE BUFFER, WHITE CABLE	12-0FM140-L/WH
		MM 62.5/125um 0.9mm LOOSE BUFFER, WHITE CABLE	12-0FM146-L/WH
	SIMPLEX	SM 9/125um 3.0mm, YELLOW CABLE	12-FFS104-L
		SM/APC 9/125um 3.0mm, YELLOW CABLE	12-JJS304-L
		MM 50/125um 3.0mm, GRAY CABLE	12-FFM109-L
		MM 62.5/125um 3.0mm, ORANGE CABLE	12-FFM101-L
	DUPLEX	SM 9/125um 3.0mm, YELLOW CABLE	13-HHS108-L
		SM /APC 9/125um 3.0mm, YELLOW CABLE	13-KKS308-L
		MM 50/125um 3.0mm, GRAY CABLE	13-HHM111-L
		MM 62.5/125um 3.0mm, ORANGE CABLE	13-HHM107-L
LC Patch Cord			
	PIGTAIL	SM 9/125um 0.9 mm LOOSE BUFFER, WHITE CABLE	12-0LS144-L/WH
		SM/APC 9/125um 0.9mm LOOSE BUFFER, WHITE CABLE	12-07S144-L/WH
		MM 50/125um 0.9mm LOOSE BUFFER, WHITE CABLE	12-0LM-140-L/WH
		MM 62.5/125um 0.9mm LOOSE BUFFER, WHITE CABLE	12-0LM-146-L/WH
	SIMPLEX	SM 9/125um 2.0mm, YELLOW CABLE	12-LLS114-L
		SM/APC 9/125um 2.0mm, YELLOW CABLE	12-77S3F14-L
		MM 50/125um 2.0mm, GRAY CABLE	12-LLM113-L
		MM 62.5/125um 2.0mm, ORANGE CABLE	12-LLM112-L
	DUPLEX	SM 9/125um 2.0mm, YELLOW CABLE	13-PPS124-L
		SM/ APC 9/125um 2.0mm, YELLOW CABLE	13-88S3F24-L
		MM 50/125um 2.0mm, GRAY CABLE	13-PPM125-L
		MM 62.5/125um 2.0mm, ORANGE CABLE	13-PPM123-L

MTRJ / MPO / FAN OUT PATCH CORD

MTRJ / FAN OUT PATCH CORD	CABLE TYPE	PART DESCRIPTION	PART NUMBER
MTRJ PATCH CORD			
	DUPLEX	SM 9/125um 1.8 mm, YELLOW CABLE	13-MMS127-L
		MM 50/125um 1.8mm, GRAY CABLE	13-MMM128-L
		MM 62.5/125um 1.8mm, ORANGE CABLE	13-MMM126-L
	DUPLEX	MALE TYPE, SM 9/125um 1.8mm, YELLOW CABLE	13-NNS1F27-L
		MALE TYPE, MM 50/125um 1.8mm, GRAY CABLE	13-NNM1F28-L
		MALE TYPE, MM 62.5/125um 1.8mm, ORANGE CABLE	13-NNM1F26-L
PULLING EYE FAN OUT			
		A PULLING EYE IS A DEVICE FASTENED TO A FIBER CABLE TO WHICH A HOOK MAY BE ATTACHED IN ORDER TO PULL THE CABLE THROUGH A DUCT OR SMALL SPACE.	

HYBRID PATCH CORD

HYBRID PATCH CORD	CABLE TYPE	PART DESCRIPTION	PART NUMBER
	ST TO FC DUPLEX	ST TO FC MM 62.5/125um, 3.0mm PATCH CORD, ORANGE	13-ADM107-L
		ST TO FC MM 50/125um, 3.0mm PATCH CORD, GRAY	13-ADM111-L
		ST TO FC SM 9/125um, 3.0mm PATCH CORD, YELLOW	13-ADS108-L
	ST TO SC DUPLEX	ST TO SC MM 62.5/125um, 3.0mm PATCH CORD, ORANGE	13-AHM107-L
		ST TO SC MM 50/125um, 3.0mm PATCH CORD, GRAY	13-AHM111-L
		ST TO SC SM 9/125um, 3.0mm PATCH CORD, YELLOW	13-AHS108-L
	FC TO SC DUPLEX	FC TO SC MM 62.5/125um, 3.0mm PATCH CORD, ORANGE	13-DHM107-L
		FC TO SC MM 50/125um, 3.0mm PATCH CORD, GRAY	13-DHM111-L
		FC TO SC SM 9/125um, 3.0mm PATCH CORD, YELLOW	13-DHS108-L
	ST TO MTRJ DUPLEX	ST TO MTRJ MM 62.5/125um, 1.8mm MINI-ZIPCORD, ORANGE	13-AMM126-L
		ST TO MTRJ MM 50/125um, 1.8mm MINI-ZIPCORD, GRAY	13-AMM128-L
		ST TO MTRJ SM 9/125um, 1.8mm MINI-ZIPCORD, YELLOW	13-AMS127-L
		ST TO MTRJ MM 62.5/125um, 3.0mm ROUND CABLE, ORANGE	13-AMM116-L
		ST TO MTRJ MM 50/125um, 3.0mm ROUND CABLE, GRAY	13-AMM118-L
		ST TO MTRJ SM 9/125um, 3.0mm ROUND CABLE, YELLOW	13-AMS117-L
	SC TO MTRJ DUPLEX	SC TO MTRJ MM 62.5/125um, 1.8mm MINI-ZIPCORD, ORANGE	13-HMM126-L
		SC TO MTRJ MM 50/125um, 1.8mm MINI-ZIPCORD, GRAY	13-HMM128-L
		SC TO MTRJ SM 9/125um, 1.8mm MINI-ZIPCORD, YELLOW	13-HMS127-L
		SC TO MTRJ MM 62.5/125um, 3.0mm ROUND CABLE, ORANGE	13-HMM116-L
		SC TO MTRJ MM 50/125um, 3.0mm ROUND CABLE, GRAY	13-HMM118-L
		SC TO MTRJ SM 9/125um, 3.0mm ROUND CABLE, YELLOW	13-HMS117-L
	ST TO LC DUPLEX	ST TO LC MM 62.5/125um, 3.0mm PATCH CORD, ORANGE	13-APM107-L
		ST TO LC MM 50/125um, 3.0mm PATCH CORD, GRAY	13-APM111-L
		ST TO LC SM 9/125um, 3.0mm PATCH CORD, YELLOW	13-APS108-L
		ST TO LC MM 62.5/125um, 2.0mm PATCH CORD, ORANGE	13-APM123-L
		ST TO LC MM 50/125um, 2.0mm PATCH CORD, GRAY	13-APM125-L
		ST TO LC SM 9/125um, 2.0mm PATCH CORD, YELLOW	13-APS124-L
	SC TO LC DUPLEX	SC TO LC MM 62.5/125um, 3.0mm PATCH CORD, ORANGE	13-HPM107-L
		SC TO LC MM 50/125um, 3.0mm PATCH CORD, GRAY	13-HPM111-L
		SC TO LC SM 9/125um, 3.0mm PATCH CORD, YELLOW	13-HPS108-L
		SC TO LC MM 62.5/125um, 2.0mm PATCH CORD, ORANGE	13-HPM123-L
		SC TO LC MM 50/125um, 2.0mm PATCH CORD, GRAY	13-HPM125-L
		SC TO LC SM 9/125um, 2.0mm PATCH CORD, YELLOW	13-HPS124-L
	FC TO LC DUPLEX	FC TO LC MM 62.5/125um, 3.0mm PATCH CORD, ORANGE	13-DPM107-L
		FC TO LC MM 50/125um, 3.0mm PATCH CORD, GRAY	13-DPM111-L
		FC TO LC SM 9/125um, 3.0mm PATCH CORD, YELLOW	13-DPS108-L
		FC TO LC MM 62.5/125um, 2.0mm PATCH CORD, ORANGE	13-DPM123-L
		FC TO LC MM 50/125um, 2.0mm PATCH CORD, GRAY	13-DPM125-L
		FC TO LC SM 9/125um, 2.0mm PATCH CORD, YELLOW	13-DPS124-L

MODE CONDITIONING PATCH CORD



BENEFITS

A MODE CONDITIONING PATCH CORD IS A DUPLEX MULTIMODE CORD THAT HAS A SMALL LENGTH OF SINGLE MODE FIBER AT THE START OF THE TRANSMISSION LEG. THE BASIC PRINCIPLE BEHIND THE CORD IS THAT YOU LAUNCH YOUR LASER INTO THE SMALL SECTION OF SINGLE MODE FIBER. THE OTHER END OF THE SINGLE MODE FIBER IS COUPLED TO MULTIMODE SECTION OF THE CABLE WITH THE CORE OFFSET FROM THE CENTER OF THE MULTIMODE FIBER. THE LASER LIGHT THUS MISSES THE "DIP" AND THIS NEWLAUNCH CONDITION MORE CLOSELY MIMICS A STANDARD LED LAUNCH. THE BONUS IS THAT YOU STILL RETAIN THE SPEED ADVANTAGE OF USING A LASER.

FEATURES

- EASY TO CONNECT & DISTRIBUTE
- ELIMINATES ISSUES RELATED TO DIFFERENTIAL MODE DELAY (DMD).
- COMPLIANT WITH IEEE 802.3Z.
- RUGGED OFFSET CLOSURE WITH CONSISTENT OFFSET.
- LOW INSERTION LOSS (<0.5DB).
- AVAILABLE WITH 50UM AND 62.5UM MULTIMODE CABLE.

HOW TO ORDER

MCP-ASAMF07-L

CONNECTOR TO EQUIPMENT: AS = ST SM, FS = SC SM, LS = LC SM

CONNECTOR TO PLANT: AM = ST MM, FM = SC MM, LM = LC MM

CABLE TYPE: F07 = 62.5/125 3.0mm, F11 = 50/125um 3.0mm

CABLE JACKET: - = PVC (OFNR) JACKET, # = LSOH (LSZH) JACKET

CABLE LENGTH: M = METER, F = FEET

MNPA SERIES (LC UNIBOOT PATCH CORD)

SPECIFICATIONS

- Uniboot is only for LC. PC, SPC, UPC and APC polish meet standard requirement.

FIBER COMPATIBILITY

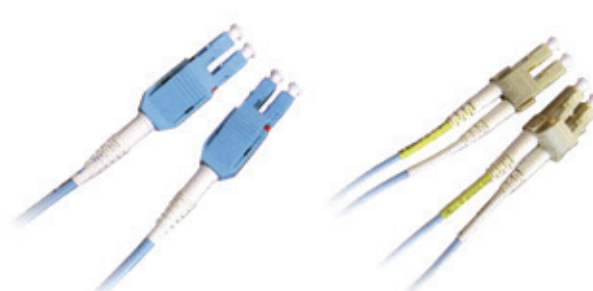
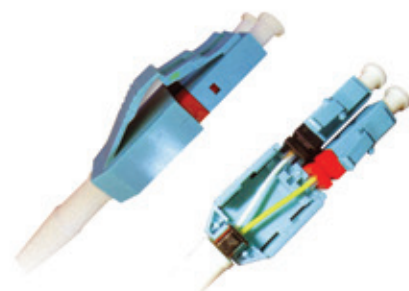
- OM1, OM2, OM3, OM4, OS1/OS2.

APPLICATIONS

- Provide interconnect and cross-connect of applications over installations in entrance facilities, telecommunications rooms, data centers and at desk.
- OM1 (62.5/125um): for LED-based propagation.
- OM2 (50/125um): for LED or laser-based propagation.
- OM3 & OM4 (50/125um): for VCSEL-based propagation.
- OS1/OS2 (9/125um): for Laser-based propagation.

MNPA LC uniboot series is integrated reverse-polarity uniboot duplex assembly that completely answers high-density requirements of the MDA and EDA. Compared with traditional duplex LC jumpers, uniboot series provides efficiently a 50-percent reduction in bulk cabling, including the improvement of cable management, air circulation and routing.

Incorporated with 3.0mm dualan cable (containing 2 x 0.9mm fiber), uniboot exclusively maximizes valuable space. The user regains control of the infrastructure rather than living with an unmanageable build-up of patch cords.



- LC uniboot supports A & B identification on both edges.
- Compared with the standard LC duplex patch cord, uniboot version increases high density efficiently.

HOW TO ORDER

MNPA	X	X	X	X	XX	XX	XXXX
NO.	Fiber Type	Cable Type	Color	Jacket Material	A Connector	B Connector	Length
MNPA	A MM 62.5/125um	M 3.0-Round Duplex+Uniboot	A BL	A PVC	E F LC w/ Clip (MM)	E F LC w/ Clip (MM)	0501 50cm
	B MM 50/125um		B OR	E PVC OFNP	E G LC w/ Clip (MM Low Loss)	E G LC w/ Clip (MM Low Loss)	0012 1M
	C 10G 50/125um		C GN	I LSRZH	E H LC w/ Clip (\$M SPC)	E H LC w/ Clip (\$M SPC)	0014 1.5M
	D OM3 50/125um		D BR		E I LC w/ Clip (\$M UPC)	E I LC w/ Clip (\$M UPC)	0022 2M
	E OM4 50/125um		E GY		E J LC w/ Clip (\$M APC)	E J LC w/ Clip (\$M APC)	0032 3M
	F \$M(G652D) 9/125um		F WH				0052 5M
	H \$M(G657A2) 9/125um		G RD				0102 10M
			H BK				0152 15M
			I YL				0202 20M
			J VT(PU)				0252 25M
			K RS(PK)				
			L AQ				

MNPA SERIES (LC PATCH CORD + SHORT BOOT)

SPECIFICATIONS

- Short boot is for LC and 2.0mm cable only. PC, SPC, UPC and APC polish meet standard requirement.

FIBER COMPATIBILITY

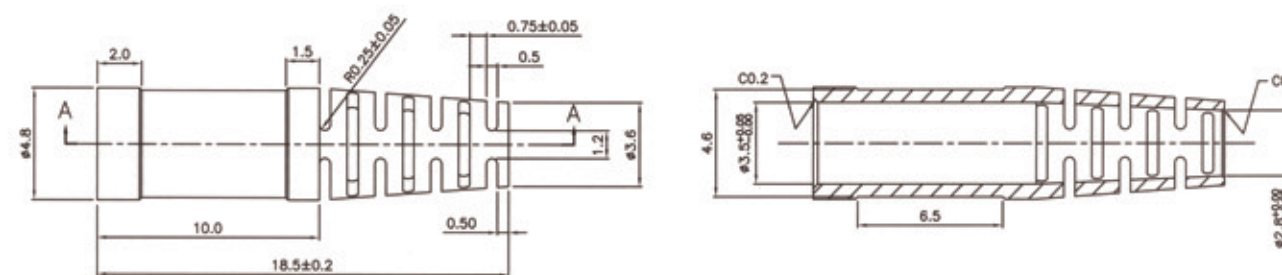
- OM1, OM2, OM3, OM4, OS1/OS2.

APPLICATIONS

- Provide interconnect and cross-connect of applications over installations in entrance facilities, telecommunications rooms, data centers and at desk.
- OM1 (62.5/125um): for LED-based propagation.
- OM2 (50/125um): for LED or laser- based propagation.
- OM3 & OM4 (50/125um): for VCSEL- based propagation.
- OS1/OS2 (9/125um): for Laser-based propagation.



- Left: standard LC boot Right: short LC boot (18.5mm).



MNPA LC short boot series is particularly for the high-density applications on account of the reduced overall connector length. LC connector is one compact version of optic fiber connectors. With short boot, length by 18.5mm, it absolutely meets the high-density requirements of the MDA and EDA.

HOW TO ORDER

MNPA	X	X	X	X	XX	XX	XXXX			
NO.	Fiber Type	Cable Type	Color	Jacket Material	A Connector		B Connector		Length	
MNPA	A	H	A	A	I	A	I	A	0501	50cm
	B	K	B	E	I	B	I	B	0012	1M
	C		C	I	I	C	I	C	0014	1.5M
	D		D		I	D	I	D	0022	2M
	E		E		I	E	I	E	0032	3M
	F		F		I	F	I	F	0052	5M
	H		G		I	G	I	G	0102	10M
			H		I	H	I	H	0152	15M
			I		I	I	I	I	0202	20M
			J		I	J	I	J	0252	25M
			K							
			L							

MNPA SERIES (LC + BENDABLE BOOT)

SPECIFICATIONS

- LC is available, PC, SPC, UPC and APC polish meet standard requirement.

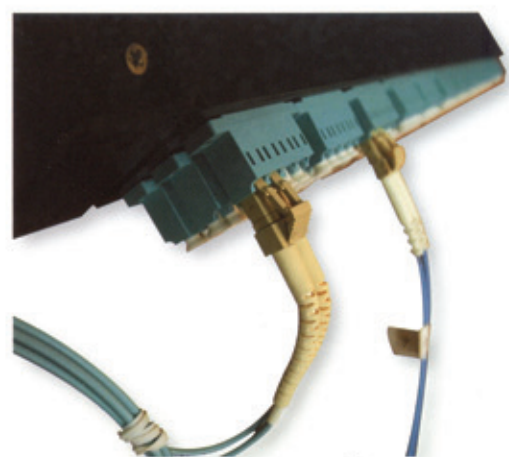
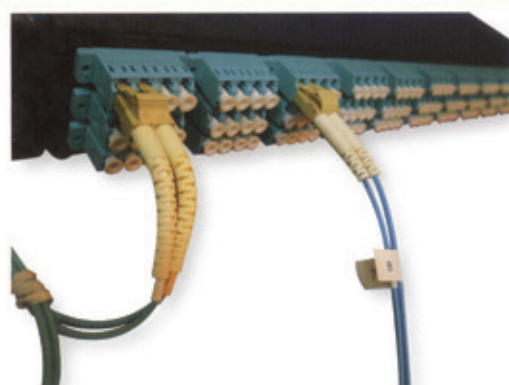
FIBER COMPATIBILITY

- OM2, OM3, OM4, OS1/OS2.

APPLICATIONS

- Provide interconnect and cross-connect of applications over installations in entrance facilities, telecommunications rooms, data centers and at desk.
- OM2 (50/125um): for LED or laser-based propagation.
- OM3 & OM4 (50/125um): for VCSEL-based propagation.
- OS1/OS2 (9/125um): for Laser-based propagation.

MNPA LC bendable boot series is designed to bend and maintain desired angle or direction. With a single stainless steel wire inside the boot, it is easy and convenient to be bended by hand, without any tool. Incorporated with ultra-bendable fiber cable, G657A1 and G657A2, this series maintains the stable performance and supports a minimum bend-radius of 10mm within minimal bend-induced attenuation loss. In data center, the network transmission increases rapidly, available margins tighten greatly and becomes sensitive to loss incorporated with a number factors. Bend is one of them. Attenuation loss, with neglecting bends, may be reduced 50% when using LC bendable series, it protects a system outage from severe bending problems. All outer housing and connector body are color-coded in accordance with ANSI/TIA/EIA-568-C.3.



HOW TO ORDER

NO.	Fiber Type	Cable Type	Color	Jacket Material	A Connector	B Connector	Length
MNPA	B MM 50/125um	H 2.0-Simplex	A BL	A PVC	H A LC (MM) Bendable Boot	H A LC (MM) Bendable Boot	0501 50cm
	C 10G 50/125um	K 2.0x4.2-Tipcord	B OR	E PVC OFNP	H B LC (MM Low Loss) Bendable Boot	H B LC (MM Low Loss) Bendable Boot	0012 1M
	D OM3 50/125um		C GN	I LSFRZH	H C LC (SM SPC) Bendable Boot	H C LC (SM SPC) Bendable Boot	0014 1.5M
	E OM4 50/125um		D BR		H D LC (SM UPC) Bendable Boot	H D LC (SM UPC) Bendable Boot	0022 2M
	H SM(G657A2) 9/125um		E GY		H E LC (SM APC) Bendable Boot	H E LC (SM APC) Bendable Boot	0032 3M
			F WH		H F LC w/ Clip (MM) Bendable Boot	H F LC w/ Clip (MM) Bendable Boot	0052 5M
			G RD		H G LC w/ Clip (MM Low Loss) Bendable Boot	H G LC w/ Clip (MM Low Loss) Bendable Boot	0102 10M
			H BK		H H LC w/ Clip (SM SPC) Bendable Boot	H H LC w/ Clip (SM SPC) Bendable Boot	0152 15M
			I YL		H I LC w/ Clip (SM UPC) Bendable Boot	H I LC w/ Clip (SM UPC) Bendable Boot	0202 20M
			J VT(PU)		H J LC w/ Clip (SM APC) Bendable Boot	H J LC w/ Clip (SM APC) Bendable Boot	0252 25M
			K RS(PK)				
			L AQ				

MNPB SERIES (MINI BREAK OUT CABLE)

SPECIFICATIONS

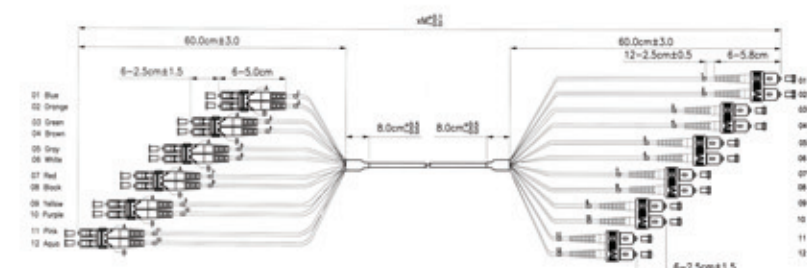
- ST, FC, SC, and LC are available, PC, SPC, UPC and APC polish meets standard requirement. Available for 4, 6, 8 and 12 cores.
- Fanout length: 24 inch at both ends (total: 24 inch x 2 = 121.92cm) and by asymmetric cascade version.
- Further assemblies, fanout length and cable length available on request.

FIBER COMPATIBILITY

- OM1, OM2, OM3, OM4, OS1/OS2.

APPLICATIONS

- Provide interconnect and cross-connect of applications over installations in entrance facilities, telecommunications rooms, data centers and at desk.
- OM1 (62.5/125um): for LED-based propagation.
- OM2 (50/125um): for LED or laser-based propagation.
- OM3 & OM4 (50/125um): for VCSEL-based propagation.
- OS1/OS2 (9/125um): for Laser-based propagation.



MNPB mini break out cable is the very compact and space saving cable distributor because the cable core is made of 12 fibers x 0.25mm and the outer cable diameter is 3.0mm. This series is particularly ideal for installation and connection of complex fiber optical infrastructures and also flexible for connections from one cabinet to another. The available fiber numbers are within 12 fibers. Asymmetric cascade version at both ends are the standard version. This standard breakout length can be staggered for better cable routing and management.

HOW TO ORDER

NO.	Fiber Type	Cable Type	Color	Jacket Material	A Connector	B Connector	Length
MNPB	A MM 62.5/125um	B 4C2.0mm Jacket	A BL	A PVC	A A FC One Piece (MM)	A A FC One Piece (MM)	0032 3M
	B MM 50/125um	E 6C2.0mm Jacket	B OR	D PVC Both End Pulling eye	A B FC One Piece (MM Low Loss)	A B FC One Piece (MM Low Loss)	0052 5M
	C 10G 50/125um	H 8C2.0mm Jacket	C GN	E PVC OFNP	A C FC One Piece (SM SPC)	A C FC One Piece (SM SPC)	0102 10M
	D OM3 50/125um	K 12C2.0mm Jacket	D BR	H PVC OFNP Both End Pulling eye	A D FC One Piece (SM UPC)	A D FC One Piece (SM UPC)	0152 15M
	E OM4 50/125um		E GY	I LSFRZH	A E FC One Piece (SM APC)	A E FC One Piece (SM APC)	0202 20M
	F SM(G652D) 9/125um		F WH	L LSFRZH Both End Pulling eye			0252 25M
	H SM(G657A2) 9/125um		G RD		B A ST (MM)	B A ST (MM)	
			H BK		B B ST (MM Low Loss)	B B ST (MM Low Loss)	
			I YL		B C ST (SM SPC)	B C ST (SM SPC)	
			J VT(PU)		B D ST (SM UPC)	B D ST (SM UPC)	
			K RS(PK)				
			L AQ				
					C F SC II w/ Clip (MM)	C F SC II w/ Clip (MM)	
					C G SC II w/ Clip (MM Low Loss)	C G SC II w/ Clip (MM Low Loss)	
					C H SC II w/ Clip (SM SPC)	C H SC II w/ Clip (SM SPC)	
					C I SC II w/ Clip (SM UPC)	C I SC II w/ Clip (SM UPC)	
					C J SC II w/ Clip (SM APC)	C J SC II w/ Clip (SM APC)	
					D F LC w/ Clip (MM)	D F LC w/ Clip (MM)	
					D G LC w/ Clip (MM Low Loss)	D G LC w/ Clip (MM Low Loss)	
					D H LC w/ Clip (SM SPC)	D H LC w/ Clip (SM SPC)	
					D I LC w/ Clip (SM UPC)	D I LC w/ Clip (SM UPC)	
					D J LC w/ Clip (SM APC)	D J LC w/ Clip (SM APC)	

MNPJ, MNPK, MNPL SERIES (BREAK OUT CABLE)

SPECIFICATIONS

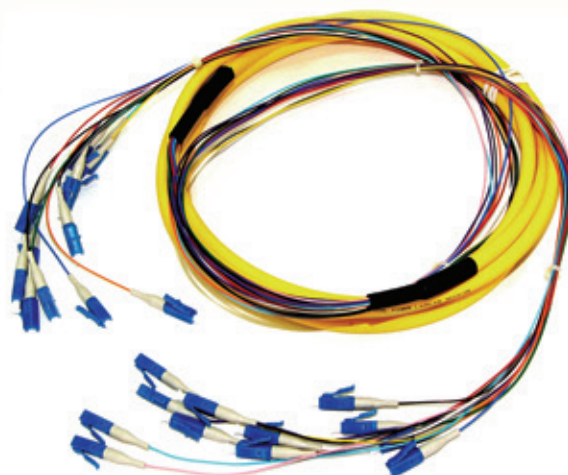
- ST, FC, SC, and LC are available, PC, SPC, UPC and APC polish meet standard requirement. Available for 24, 36, 48 fibers (further assemblies available on request).
- Fanout length: 24 inch at both ends (total: 24 inch x 2 = 121.92cm) and by asymmetric cascade version.
- Further assemblies, fanout length and cable length available on request.

FIBER COMPATIBILITY

- OM1, OM2, OM3, OM4, OS1/OS2.

APPLICATIONS

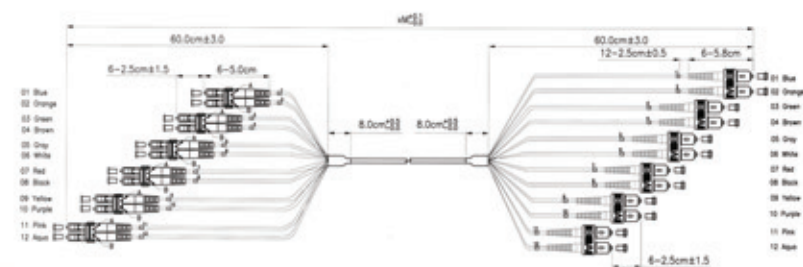
- Provide interconnect and cross-connect of applications over installations in entrance facilities, telecommunications rooms, data center.
- OM1 (62.5/125um): for LED-based propagation.
- OM2 (50/125um): for LED or laser-based propagation.
- OM3 & OM4 (50/125um): for VCSEL-based propagation.
- OS1/OS2 (9/125um): Laser-based propagation.



MNPJ, MNPK, MNPL break out cable, also called distribution cable, similar to MNPB series (mini break out cable), provide three heart sizes of tube: 0.9mm, 2.0mm and 3.0mm. Compared with MNPB series, the core fiber diameter of MNPJ, MNPK and MNPL are bigger than MNPB series (MNPB 12 core:3.0mm, MNPJ 24 core: 9.0mm). MNPJ, MNPK, MNPL are for the purpose of extended length and backbone in data centers, are suitable for connection from one cabinet/zone to another, such as MDA and HDA. The standard breakout length can be staggered for better cable routing and management.

HOW TO ORDER

MNP	X	X	X	X	X	XX	XX	XXXX
NO.	Breakout Cable Type	Fiber Type	Fiber Counts	Color	Jacket Material	A Connector	B Connector	Length
MNP	J Breakout Cable 900um	A MM 62.5/125um	E 24C	A BL	L LSRZH Both End Pulling eye	A A FC One Piece (MM)	A A FC One Piece (MM)	0032 3M
	K Breakout Cable 2.0mm	B MM 50/125um	F 36C	B OR		A B FC One Piece (MM Low Loss)	A B FC One Piece (MM Low Loss)	0052 5M
	L Breakout Cable 3.0mm	C 10G 50/125um	G 48C	C GN		A C FC One Piece (SM SPC)	A C FC One Piece (SM SPC)	0102 10M
		D OM3 50/125um	H 72C	D BR		A D FC One Piece (SM UPC)	A D FC One Piece (SM UPC)	0152 15M
		E OM4 50/125um	I 96C	E GY		A E FC One Piece (SM APC)	A E FC One Piece (SM APC)	0202 20M
		F SM(G652D) 9/125um	J 144C	F WH				0252 25M
		H SM(G657A2) 9/125um		G RD		B A ST (MM)	B A ST (MM)	0302 30M
				H BK		B B ST (MM Low Loss)	B B ST (MM Low Loss)	0402 40M
				I YL		B C ST (SM SPC)	B C ST (SM SPC)	0502 50M
				J VT(PU)		B D ST (SM UPC)	B D ST (SM UPC)	0602 60M
				K RS(PK)				0702 70M
				L AQ		C F SC II w/ Clip (MM)	C F SC II w/ Clip (MM)	0802 80M
						C G SC II w/ Clip (MM Low Loss)	C G SC II w/ Clip (MM Low Loss)	0902 90M
						C H SC II w/ Clip (SM SPC)	C H SC II w/ Clip (SM SPC)	1002 100M
						C I SC II w/ Clip (SM UPC)	C I SC II w/ Clip (SM UPC)	
						C J SC II w/ Clip (SM APC)	C J SC II w/ Clip (SM APC)	
						D F LC w/ Clip (MM)	D F LC w/ Clip (MM)	
						D G LC w/ Clip (MM Low Loss)	D G LC w/ Clip (MM Low Loss)	
						D H LC w/ Clip (SM SPC)	D H LC w/ Clip (SM SPC)	
						D I LC w/ Clip (SM UPC)	D I LC w/ Clip (SM UPC)	
						D J LC w/ Clip (SM APC)	D J LC w/ Clip (SM APC)	



MNPC SERIES (ARRAY CABLE)

SPECIFICATIONS

- MTP® and MPO are available, PC and APC polish meet standard requirement. Available for 8 and 12 fibers (further assemblies, 24 fibers available on request).
- Support Method A, B, C and option for male and female for MTP®/MPO Further assemblies, fanout length and cable length available on request.
- Further assemblies, fanout length and cable length available on request.

FIBER COMPATIBILITY

- OM2, OM3, OM4, OS1/OS2.

APPLICATIONS

- Reliable high-density interconnection for: Data communications networks, including high-bandwidth equipment, interconnections for parallel optical transmitters and receivers, telecommunications networks and broadband/CATV networks.



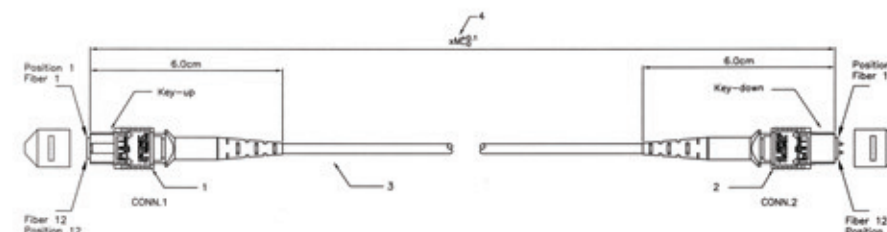
EPCT provides an extensive and complete line of high-density MTP® and MPO multi fiber connectors products, including jumpers, fanouts and pre-terminated solution. The single-mode and multi mode by low loss for MTP® and MPO connectors deliver the performance and reliability to answer today's demanding about high-speed broadband and data networks. MTP® and MPO maximize the capacity in data center, increasing fiber density on fiber shelves and faceplates and also improving and simplifying fiber routing.

HOW TO ORDER

MNPC	X	X	X	X	XX	XX	XXXX
NO.	Fiber Type	Cable Type	Color	Jacket Material	A Connector	B Connector	Length
MNPC	C 10G 50/125um	B 8C-5.0x2.5mm-Flat-Simplex Ribbon	A BL	A PVC	A A 12 F MTP® (MM)	A A 12 F MTP® (MM)Method A	0012 1M
D	OM3 50/125um	C 8C-Round Cable	B OR	E PVC OFNP	A B 12 F MTP® (MM Low Loss)	A B 12 F MTP® (MM Low Loss)Method A	0014 1.5M
E	OM4 50/125um	E 12C-5.0x2.5mm-Flat-Simplex Ribbon	C GN	I LSRZH	A C 12 F MTP® (SM APC)	A C 12 F MTP® (SM APC)Method A	0022 2M
F	SM(G652D) 9/125um	F 12C-3.0mm Round Cable	D BR		A D 12 F MTP® (SM APC Low Loss)	A D 12 F MTP® (SM APC Low Loss)Method A	0032 3M
H	SM(G657A2) 9/125um		E GY			A E 12 F MTP® +Guide Pin (MM)Method A	0052 5M
		F WH			B A 12 F MPO (MM)	A F 12 F MTP® +Guide Pin (MM Low Loss)Method A	0102 10M
		G RD			B B 12 F MPO (MM Low Loss)	A G 12 F MTP® +Guide Pin (SM APC)Method A	0152 15M
		H BK			B C 12 F MPO (SM APC)	A H 12 F MTP® +Guide Pin (SM APC Low Loss)Method A	0202 20M
		I YL			B D 12 F MPO (SM APC Low Loss)	B A 12 F MTP® (MM)Method B	0252 25M
		J VT(PU)				B B 12 F MTP® (MM Low Loss)Method B	
		K RS(PK)				B E 12 F MTP® +Guide Pin (MM)Method B	
		L AQ				B F 12 F MTP® +Guide Pin (MM Low Loss)Method B	
						C A 12 F MTP® (MM)Method C	
						C B 12 F MTP® (MM Low Loss)Method C	
						C C 12 F MTP® (SM APC)Method C	
						C D 12 F MTP® (SM APC Low Loss)Method C	
						C E 12 F MTP® +Guide Pin (MM)Method C	
						C F 12 F MTP® +Guide Pin (MM Low Loss)Method C	
						C G 12 F MTP® +Guide Pin (SM APC)Method C	
						C H 12 F MTP® +Guide Pin (SM APC Low Loss)Method C	
						A A 12 F MPO (MM)Method A	
						A B 12 F MPO (MM Low Loss)Method A	
						A C 12 F MPO (SM APC)Method A	
						A D 12 F MPO (SM APC Low Loss)Method A	
						A E 12 F MPO+Guide Pin (MM)Method A	
						A F 12 F MPO+Guide Pin (MM Low Loss)Method A	
						A G 12 F MPO+Guide Pin (SM APC)Method A	
						A H 12 F MPO+Guide Pin (SM APC Low Loss)Method A	
						B A 12 F MPO (MM)Method B	
						B B 12 F MPO (MM Low Loss)Method B	
						B E 12 F MPO+Guide Pin (MM)Method B	
						B F 12 F MPO+Guide Pin (MM Low Loss)Method B	
						C A 12 F MPO (MM)Method C	
						C B 12 F MPO (MM Low Loss)Method C	
						C C 12 F MPO (SM APC)Method C	
						C D 12 F MPO (SM APC Low Loss)Method C	
						C E 12 F MPO+Guide Pin (MM)Method C	
						C F 12 F MPO+Guide Pin (MM Low Loss)Method C	
						C G 12 F MPO+Guide Pin (SM APC)Method C	
						C H 12 F MPO+Guide Pin (SM APC Low Loss)Method C	

Diagram illustrating the cable assembly with two connectors (CONN.1 and CONN.2) and fiber positions (Fiber 12 Position 12).

- Connector 1: MTP® multimode, female connector, low loss.
- Connector 2: MTP® multimode, male connector, low loss.
- Cable type: 12C Ø3.0mm round cable, OM3 50/125um multimode, LSRZH material, Aqua color.
- Length: x Meter



- Connector 1: MTP® multimode, female connector, low loss.
- Connector 2: MTP® multimode, male connector, low loss.
- Cable type: 12C Ø3.0mm round cable, OM3 50/125um multimode, LSRZH material, Aqua color.
- Length: x Meter.

MNPD SERIES (TRUNK CABLE)

SPECIFICATIONS

- MTP® and MPO are available, PC and APC polish meet standard requirement. 8~144 fibers are available (further assemblies, 24 fibers available on request).
- Support Method A, B, C and option for male and female for MTP®/MPO.
- Further assemblies, fanout length and cable length available on request.
- Fanout length: 24 inch at one end (total: 24 inch × 1 = 60.96cm) and by asymmetric cascade version, including pulling eyes.

FIBER COMPATIBILITY

- OM2, OM3, OM4, OS1/OS2.

APPLICATIONS

- Tailor configuration and breakout construction to application requirements to minimize waste, optimize cable management, speed deployment and improve flexibility and manageability for lower installation costs. Reliable high-density interconnection for: Data communications networks, including high-bandwidth equipment, interconnections for parallel optical transmitters and receivers, telecommunications networks and broadband/CATV networks.

MNPD cable assemblies allow for a rapid deployment of high-density permanent links in a single assembly for data center applications demanding quick infrastructure deployment, such as main, horizontal and zone distribution areas. MNPD series optimizes cable routing to guarantee efficient use of pathway space and significantly reduce installation time and cost. It is built with modular MTP®/MPO connectivity and supports compatibility, flexibility and system performance in all permanent link applications. MNPD is factory terminated and tested to deliver verified optical performance and reliability for improved network integrity.



HOW TO ORDER

MNPD	X	X	X	X	XX	XX	XXXX
NO.	Fiber Type	Fiber Counts	Color	Jacket Material	A Connector	B Connector	Length
MNPD	C 10G 50/125um	A 8C	A BL	C PVCEnd B Pulling eye	A A 12 F MTP® (MM)	A A 12 F MTP® (MM)Method A	0032 3M
D	OM3 50/125um	B 12C	B OR	G PVC OFNPEnd B Pulling eye	A B 12 F MTP® (MM Low Loss)	A B 12 F MTP® (MM Low Loss)Method A	0052 5M
E	OM4 50/125um	C 24C	C GN	K LSFRZHEnd B Pulling eye	A C 12 F MTP® (SM APC)	A C 12 F MTP® (SM APC)Method A	0102 10M
F	SM(G652D) 9/125um	D 36C	D BR		A D 12 F MTP® (SM APC Low Loss)	A D 12 F MTP® (SM APC Low Loss)Method A	0152 15M
H	SM(G657A2) 9/125um	E 48C	E GY		A E 12 F MTP® (SM APC Low Loss)	A E 12 F MTP® (SM APC Low Loss)Method A	0202 20M
		F 72C	F WH		A F 12 F MTP® (SM APC Low Loss)	A F 12 F MTP® (SM APC Low Loss)Method A	0252 25M
		G 96C	G RD		A G 12 F MTP® (SM APC Low Loss)	A G 12 F MTP® (SM APC Low Loss)Method A	0302 30M
		H 144C	H BK		A H 12 F MTP® (SM APC Low Loss)	A H 12 F MTP® (SM APC Low Loss)Method A	0402 40M
		I TL	I TL		B A 12 F MPO (MM)	B A 12 F MPO (MM)Method B	0502 50M
		J VT(PU)	J VT(PU)		B B 12 F MPO (MM Low Loss)	B B 12 F MPO (MM Low Loss)Method B	0602 60M
		K RS(PK)	K RS(PK)		B C 12 F MPO (SM APC)	B C 12 F MPO (SM APC)Method C	0702 70M
		L AQ	L AQ		B D 12 F MPO (SM APC Low Loss)	B D 12 F MPO (SM APC Low Loss)Method C	0802 80M
					C A 12 F MTP® (MM)Method C	C A 12 F MTP® (MM)Method C	0902 90M
					C B 12 F MTP® (MM Low Loss)Method C	C B 12 F MTP® (MM Low Loss)Method C	1002 100M
					C C 12 F MTP® (SM APC)Method C	C C 12 F MTP® (SM APC)Method C	
					C D 12 F MTP® (SM APC Low Loss)Method C	C D 12 F MTP® (SM APC Low Loss)Method C	
					C E 12 F MTP® (SM APC Low Loss)Method C	C E 12 F MTP® (SM APC Low Loss)Method C	
					C F 12 F MTP® (SM APC Low Loss)Method C	C F 12 F MTP® (SM APC Low Loss)Method C	
					C G 12 F MTP® (SM APC Low Loss)Method C	C G 12 F MTP® (SM APC Low Loss)Method C	
					C H 12 F MTP® (SM APC Low Loss)Method C	C H 12 F MTP® (SM APC Low Loss)Method C	
					A A 12 F MPO (MM)Method A	A A 12 F MPO (MM)Method A	
					A B 12 F MPO (MM Low Loss)Method A	A B 12 F MPO (MM Low Loss)Method A	
					A C 12 F MPO (SM APC)Method A	A C 12 F MPO (SM APC)Method A	
					A D 12 F MPO (SM APC Low Loss)Method A	A D 12 F MPO (SM APC Low Loss)Method A	
					A E 12 F MPO (SM APC Low Loss)Method A	A E 12 F MPO (SM APC Low Loss)Method A	
					A F 12 F MPO+Guide Pin (MM Low Loss)Method A	A F 12 F MPO+Guide Pin (MM Low Loss)Method A	
					A G 12 F MPO+Guide Pin (SM APC)Method A	A G 12 F MPO+Guide Pin (SM APC)Method A	
					A H 12 F MPO+Guide Pin (SM APC Low Loss)Method A	A H 12 F MPO+Guide Pin (SM APC Low Loss)Method A	
					B A 12 F MPO (MM)Method B	B A 12 F MPO (MM)Method B	
					B B 12 F MPO (MM Low Loss)Method B	B B 12 F MPO (MM Low Loss)Method B	
					B C 12 F MPO (SM APC)Method C	B C 12 F MPO (SM APC)Method C	
					B D 12 F MPO (SM APC Low Loss)Method C	B D 12 F MPO (SM APC Low Loss)Method C	
					C A 12 F MTP® (MM)Method C	C A 12 F MTP® (MM)Method C	
					C B 12 F MTP® (MM Low Loss)Method C	C B 12 F MTP® (MM Low Loss)Method C	
					C C 12 F MTP® (SM APC)Method C	C C 12 F MTP® (SM APC)Method C	
					C D 12 F MTP® (SM APC Low Loss)Method C	C D 12 F MTP® (SM APC Low Loss)Method C	
					C E 12 F MTP® (SM APC Low Loss)Method C	C E 12 F MTP® (SM APC Low Loss)Method C	
					C F 12 F MPO+Guide Pin (MM Low Loss)Method C	C F 12 F MPO+Guide Pin (MM Low Loss)Method C	
					C G 12 F MPO+Guide Pin (SM APC)Method C	C G 12 F MPO+Guide Pin (SM APC)Method C	
					C H 12 F MPO+Guide Pin (SM APC Low Loss)Method C	C H 12 F MPO+Guide Pin (SM APC Low Loss)Method C	

- Connector 1 & 2: MTP® Multimode, female connector.
- Connector 3 & 4: MTP® Multimode, male connector.
- Cable type: 12C Ø3.0mm round cable, OM3 50/125um multimode, PVC material, aqua color.
- Cable type: 24C Ø9.0mm trunk cable, OM3 50/125um multimode, PVC material, aqua color.
- Heat shrink tubing length: 5.0cm.
- Length: x Meter.

MNPE SERIES (DIRECT HARNESS)

SPECIFICATIONS

- Fiber connector interface available in ST, SC, FC, LC, MTP® and MPO in forms of simplex channeling (further assemblies, 24 fibers MTP®/MPO available on request).

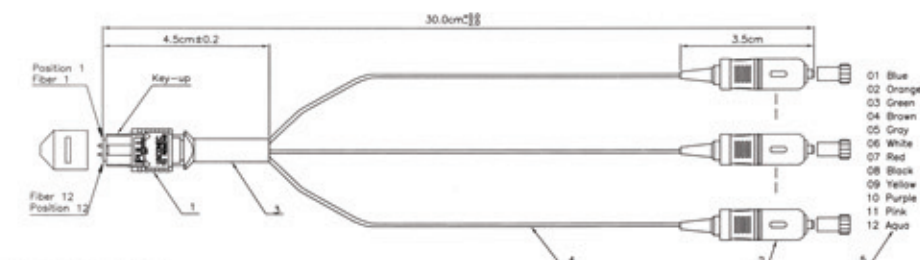
FIBER COMPATIBILITY

- OM2, OM3, OM4, OS1/OS2.

APPLICATIONS

- Tailor configuration and breakout construction to application requirements to minimize waste, optimize cable management, speed deployment and improve flexibility and manageability for lower installation costs. Reliable high-density interconnection for: Data communications networks, including high-bandwidth equipment, interconnections for parallel optical transmitters and receivers, telecommunications networks and broadband/CATV networks.
- OM3 & OM4 (50/125um):for VCSEL-based propagation.
- OS1 & OS2 (9/125um): Laser-based propagation.

MNPE direct harness has a pinned (male) MTP®/MPO connector on one end and while the other end is equipped with single or dual fiber connectors. Direct harness converts MTP®/MPO terminations to simplex fiber connectors such as LC or SC. This series is for installing inside plug -8-play fiber cassette module, assembled with 0.9mm cable to single-fiber connectors. All types of fiber connector interface are available for choices and allow for maximum fiber density within a limited space. This series is factory tested. Incorporating with cassette solution, MNPE can reduce installation time by up to 75 percent.



- Connector type: Guide pin MTP® multimode, male connector, low loss.
- Connector type: SC multimode, ivory color, low loss.
- Shrink tube: 1.5cm, use black heat shrink tube.
- Tube type.
- Fanout MTP® (Male) to SC OM3 12C patch cord 30cm 1 (blue) / 2 (orange) / 3 (green) / 4 (brown) / 5 (gray) / 6 (white) / 7 (red) / 8 (black) / 9 (yellow) / 10 (purple) / 11 (pink) / 12 (aqua).

HOW TO ORDER

MNPE	X	X	X	X	XX	XX	XXXX
NO.	Fiber Type	Cable Type	Color	Jacket Material	A Connector	B Connector	Length
MNPE	B MM 50/125um	D 12C, 0.9mm Jacket	M 12 colors	A PVC	A A 12 F MTP® (MM)	A A FC One Piece (MM)	0301 30cm
C	10G 50/125um				A B 12 F MTP® (MM Low Loss)	A B FC One Piece (MM Low Loss)	0501 50cm
D	OM3 50/125um				A C 12 F MTP® (SM APC)	A C FC One Piece (SM SPC)	
E	OM4 50/125um				A D 12 F MTP® (SM APC Low Loss)	A D FC One Piece (SM UPC)	
F	SM(G652D) 9/125um				A E 12 F MTP®+Guide Pin (MM)	A E FC One Piece (SM APC)	
H	SM(G657A2) 9/125um				A F 12 F MTP®+Guide Pin (MM Low Loss)		
					A G 12 F MTP®+Guide Pin (SM APC)	B A ST (MM)	
					A H 12 F MTP®+Guide Pin (SM APC Low Loss)	B B ST (MM Low Loss)	
					B A 12 F MPO (MM)	B C ST (SM SPC)	
					B B 12 F MPO (MM Low Loss)	B D ST (SM UPC)	
					B C 12 F MPO (SM APC)		
					B D 12 F MPO (SM APC Low Loss)	C A SC II (MM)	
					B E 12 F MPO+Guide Pin (MM)	C B SC II (MM Low Loss)	
					B F 12 F MPO+Guide Pin (MM Low Loss)	C C SC II (SM SPC)	
					B G 12 F MPO+Guide Pin (SM APC)	C D SC II (SM UPC)	
					B H 12 F MPO+Guide Pin (SM APC Low Loss)	C E SC II (SM APC)	
						D A LC (MM)	
						D B LC (MM Low Loss)	
						D C LC (SM SPC)	
						D D LC (SM UPC)	
						D E LC (SM APC)	

MNPFSERIES (HARNESS)

SPECIFICATIONS

- Fiber connector interface available in ST, SC, FC, LC, MTP® and MPO in forms of simplex or duplex channeling (further assemblies, 24 fibers MTP®/MPO available on request).
- Fanout length: 24 inch at one end (total: 24 inch × 1 = 60.96cm) and by asymmetric cascade version.

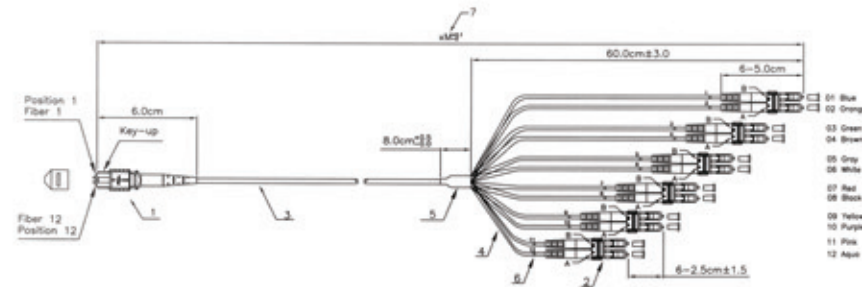
FIBER COMPATIBILITY

- OM2, OM3, OM4, OS1/OS2.

APPLICATIONS

- Tailor configuration and breakout construction to application requirements to minimize waste, optimize cable management, speed deployment and improve flexibility and manageability for lower installation costs. Reliable high-density interconnection for: Data communications networks, including high-bandwidth equipment, interconnections for parallel optical transmitters and receivers, telecommunications networks and broadband/CATV networks.
- OM2 (50/125um):for LED or laser-based propagation.
- OM3 & OM4 (50/125um) :for VCSEL-based propagation.
- OS1 & OS2 (9/125um): Laser-based propagation.

MNPF harness series is for transition from trunk backbone assemblies to fiber rack system. MTP®/MPO on one end, with single-fiber connector on another end. MTP®/MPO in 12 or 24-fiber interface is available for choices. Fiber connector interface available in ST, SC, FC and LC in forms of simplex or duplex channeling.



- Connector type: MPO Multimode, male connector.
- Connector type: LC multimode, ivory color.
- Cable type: 12C Ø3.0mm round cable, OM3 50/125um multimode, LSFRZH material, aqua color.
- Tube type: Ø0.9mm/ Hytrel, Ø2.0mm LSFRZH material, aqua color.

- Heat Shrink Tubing length: 8.0cm.
- Marking Tubing Length: 1.0cm.
- Length: x Meter.

HOW TO ORDER

	MNPF	X	X	X	X	XX	XX	XXXX
	NO.	Fiber Type	Breakout Cable Type	Color	Jacket Material	A Connector	B Connector	Length
	MNPF	B MM50/125um	A 8C Round Cable, 0.9mm Jacket	A BL	A PVC	A A 12 F MTP® (MM)	A A FC One Piece (MM)	0022 2M
	C	10G50/125um	B 8C Round Cable, 2.0mm Jacket	B OR	C PVC End B Pulling eye	A B 12 F MTP® (MM Low Loss)	A B FC One Piece (MM Low Loss)	0032 3M
	D	OM350/125um	C 8C Round Cable, 3.0mm Jacket	C GN	E PVC ORNP	A C 12 F MTP® (SM APC)	A C FC One Piece (SM SPC)	0052 5M
	E	OM450/125um	D 12C Round Cable, 0.9mm Jacket	D BR	G PVC ORNP End B Pulling eye	A D 12 F MTP® (SM APC Low Loss)	A D FC One Piece (SM UPC)	0102 10M
	F	SMIG6520/9/125um	E 12C Round Cable, 2.0mm Jacket	E GY	I LSFRZH	A E 12 F MTP®+Guide Pin (MM)	A E FC One Piece (SM APC)	0152 15M
	H	SMIG657A2/9/125um	F 12C Round Cable, 3.0mm Jacket	F WH	K LSFRZH End B Pulling eye	A F 12 F MTP®+Guide Pin (MM Low Loss)		0202 20M
				G RD		A G 12 F MTP®+Guide Pin (SM APC)	B A ST (MM)	0252 25M
				H BK		A H 12 F MTP®+Guide Pin (SM APC Low Loss)	B B ST (MM Low Loss)	
				I YL			B C ST (SM SPC)	
				J VT(PU)		B A 12 F MPO (MM)	B D ST (SM UPC)	
				K RS(PK)		B B 12 F MPO (MM Low Loss)		
				L AQ		B C 12 F MPO (SM APC)	C F SC II w/ Clip (MM)	
						B D 12 F MPO (SM APC Low Loss)	C G SC II w/ Clip (MM Low Loss)	
						B E 12 F MPO+Guide Pin (MM)	C H SC II w/ Clip (SM SPC)	
						B F 12 F MPO+Guide Pin (MM Low Loss)	C I SC II w/ Clip (SM UPC)	
						B G 12 F MPO+Guide Pin (SM APC)	C J SC II w/ Clip (SM APC)	
						B H 12 F MPO+Guide Pin (SM APC Low Loss)		
							D F LC w/ Clip (MM)	
							D G LC w/ Clip (MM Low Loss)	
							D H LC w/ Clip (SM SPC)	
							D I LC w/ Clip (SM UPC)	
							D J LC w/ Clip (SM APC)	

MNPG, MNPH, MNPI SERIES (TRUNK HARNESS)

SPECIFICATIONS

- Fiber connector interface available in ST, SC, FC, LC, MTP® and MPO in forms of simplex or duplex channeling (further assemblies, 24 fibers MTP®/MPO available on request).

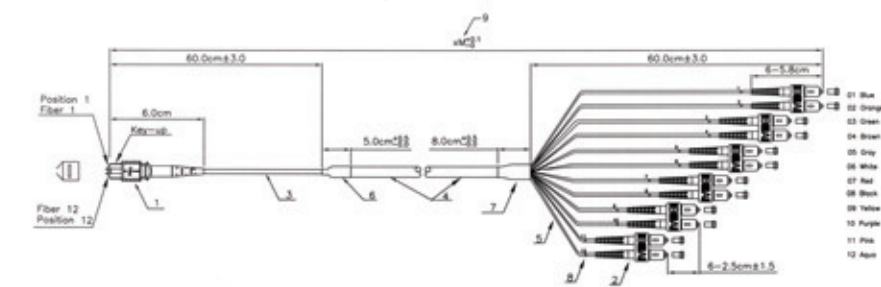
FIBER COMPATIBILITY

- OM2, OM3, OM4, OS1/OS2.

APPLICATIONS

- Tailor configuration and breakout construction to application requirements to minimize waste, optimize cable management, speed deployment and improve flexibility and manageability for lower installation costs. Reliable high-density interconnection for: Data communications networks, including high-bandwidth equipment, interconnections for parallel optical transmitters and receivers, telecommunications networks and broadband/CATV networks.
- OM2 (50/125um):for LED or laser-based propagation.
- OM3 & OM4 (50/125um) :for VCSEL-based propagation.
- OS1 & OS2 (9/125um): Laser-based propagation.

MNPG/ MNPH/ MNPI series are for backbone installation. EPCT provides a complete set of choices for fiber connectors interface. MTP®/MPO in 12 or 24-fiber connectors interface are available and pulling eyes design to fit for different environment. Similar to MNPF series, MNPG/ MNPH/ MNPI supports desire cable, such as round or mini-core cable structure to eliminate bend sensitivity.



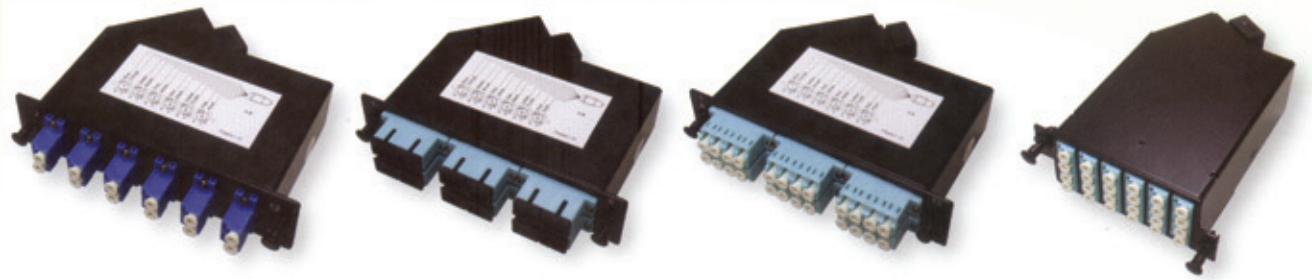
- Connector type: MPO Multimode, male connector, low loss.
- Connector type: SC multimode, ivory color, low loss.
- Cable type: 12C Ø3.0mm round cable, OM3 50/125um multimode, LSFRZH material, aqua color.
- Cable type: 12C Ø6.5mm, trunk cable, OM3 50/125um multimode, LSFRZH material, aqua color.
- Tubing type: Ø0.9mm/ Hytrel, Ø2.0mm LSFRZH material, aqua color.

- Heat Shrink tubing length: 5.0cm.
- Heat Shrink tubing length: 8.0cm.
- Marking Tubing Length: 1.0cm.
- Length: x Meter.

HOW TO ORDER

MNP		X	X	X	X	XX	XX	XXXX
NO.	Breakout Cable Type	Fiber Type	Fiber Counts	Color	Jacket Material	A Connector	B Connector	Length
MNP	G Trunk Harness 900um	B MM 50/125um	A 8C	A BL	C PVC End B Pulling eye	A A 12 F MTP® (MM)	A A FC One Piece (MM)	0032 3M
	H Trunk Harness 2.0mm	C 10G 50/125um	B 12C	B OR	G PVC ORNP End B Pulling eye	A B 12 F MTP® (MM Low Loss)	A B FC One Piece (MM Low Loss)	0052 5M
	I Trunk Harness 3.0mm	D OM3 50/125um	C 24C	C GN	K LSFRZH End B Pulling eye	A C 12 F MTP® (SM APC)	A C FC One Piece (SM SPC)	0102 10M
		E OM4 50/125um	D 36C	D BR		A D 12 F MTP® (SM APC Low Loss)	A D FC One Piece (SM UPC)	0152 15M
		F SM/G652D/9/125um	E 48C	E GY		A E 12 F MTP®+Guide Pin (MM)	A E FC One Piece (SM APC)	0202 20M
		H SM/G657A2/9/125um	F 72C	F WH		A F 12 F MTP®+Guide Pin (MM Low Loss)		0252 25M
			G 96C	G RD		A G 12 F MTP®+Guide Pin (SM APC)	B A ST (MM)	0302 30M
			H 144C	H BK		A H 12 F MTP®+Guide Pin (SM APC Low Loss)	B B ST (MM Low Loss)	0402 40M
				I YL		B C ST (SM SPC)	B C ST (SM UPC)	0502 50M
				J VT(PU)		B A 12 F MPO (MM)	B D ST (SM UPC)	0602 60M
				K RS(PK)		B B 12 F MPO (MM Low Loss)		0702 70M
				L AQ		B C 12 F MPO (SM APC)	C F SC II w/ Clip (MM)	0802 80M
						B D 12 F MPO (SM APC Low Loss)	C G SC II w/ Clip (MM Low Loss)	0902 90M
						B E 12 F MPO+Guide Pin (MM)	C H SC II w/ Clip (SM SPC)	1002 100M
						B F 12 F MPO+Guide Pin (MM Low Loss)	C I SC II w/ Clip (SM UPC)	
						B G 12 F MPO+Guide Pin (SM APC)	C J SC II w/ Clip (SM APC)	
					B H 12 F MPO+Guide Pin (SM APC Low Loss)			
						D F LC w/ Clip (MM)		
						D G LC w/ Clip (MM Low Loss)		
						D H LC w/ Clip (SM SPC)		
						D I LC w/ Clip (SM UPC)		
						D J LC w/ Clip (SM APC)		

MNKF SERIES (MTP® / MPO CASSETTE)



- LC Duplex adaptor × 6pcs (12 ports).
- SC Duplex adaptor × 6pcs (12 ports).
- LC Quad adaptor × 6pcs (24 ports).
- LC Quad adaptor × 6pcs (24 ports, vertical type is for high density cassette, up to 120 port × LC).

SPECIFICATIONS

- SC and LC are available. PC, SPC, UPC and APC polish meet standard requirement. Each module supports up to 12 fibers using MTP® / MPO, or 24 fibers using LC. Low loss MTP® connectors (Elite series) are deployed upon request. Bend-insensitive fibers are available too.
- LGX cassette size: 30 × 91.1 × 130mm.
- Method A, B, C are all available.
- MTP® / MPO cassette: male (female available on request).
- Weight: 0.4KG.

FIBER COMPATIBILITY

- OM2, OM3, OM4, OS1/OS2.

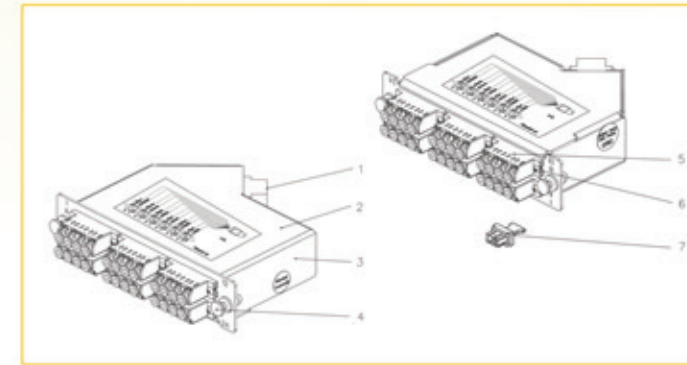
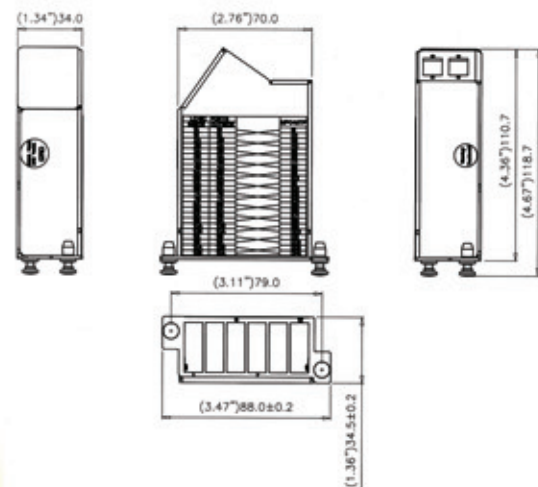
APPLICATIONS

- Provide interconnect and cross-connect of application over installations in entrance facilities, telecommunications rooms, data centers and at desk. Allows easy migration from 10G to 40G or 100G.
- OM2 (50/125um): for LED or laser-based propagation.
- OM3 & OM4 (50/125um): for VCSEL-based propagation.
- OS1 & OS2 (9/125um): Laser-based propagation.

HOW TO ORDER (LC)

MNKF	X	X	X	X	XX	XX
NO.	Cassette Type	Color	Method	MPO/MTP®	Direct Harness	LC Adaptor
MNKF	A A 12P LGX Type	0 1 BK	0 1 Method A,C	1 WPO Flange Type,MM,(Key Up-Down),BK	026 Direct Harness,OM3,50/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MPO+Guide Pin (MM Low Loss),-LC (MM Low Loss),even-alignment,30cm	05 LC-LC,Flange Type,MM,Quad,w/ 2P Sleeve,One Piece Type,IV
	B B 24P LGX Type		0 2 Method B	2 WPO Flange Type,MM,(Key Up-Up),BK	027 Direct Harness,OM4,50/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MPO+Guide Pin (MM Low Loss),-LC (MM Low Loss),even-alignment,30cm	31 LC-LC,Flange Type,MM,Quad,w/ 2P Sleeve,One Piece Type,AG
			0 3 Method B Divided		034 Direct Harness,MM,50/125um,12C,0.9mm Jacket,Mix,PVC,12 F MPO+Guide Pin (MM),-LC (MM),even-alignment,30cm	07 LC-LC,Flange Type,SM,Quad,w/ 2P Sleeve,One Piece Type,BL
	B B 24P HD Type			3 MTP Flange Type,MM,(Key Up-Down),BK	035 Direct Harness,OM3,50/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MPO+Guide Pin (MM),-LC (MM),even-alignment,30cm	08 LC-LC,Flange Type,SM,Quad,w/ 2P Sleeve,One Piece Type,GN
				4 MTP Flange Type,MM,(Key Up-Up),Light Gray	036 Direct Harness,OM4,50/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MPO+Guide Pin (MM),-LC (MM),even-alignment,30cm	
					039 Direct Harness,SM(G652D),9/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MPO+Guide Pin (SM APC),-LC (SM UPC),even-alignment,30cm	09 LC-LC,Flange Type,MM,Duplex,w/ 2P Sleeve,One Piece Type,IV
					040 Direct Harness,SM(G657A2),9/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MPO+Guide Pin (SM APC),-LC (SM UPC),even-alignment,30cm	29 LC-LC,Flange Type,MM,Duplex,w/ 2P Sleeve,One Piece Type,AG
					041 Direct Harness,SM(G652D),9/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MPO+Guide Pin (SM APC),-LC (SM APC),even-alignment,30cm	11 LC-LC,Flange Type,SM,Duplex,w/ 2P Sleeve,One Piece Type,BL
					042 Direct Harness,SM(G657A2),9/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MPO+Guide Pin (SM APC),-LC (SM APC),even-alignment,30cm	12 LC-LC,Flange Type,SM,Duplex,w/ 2P Sleeve,One Piece Type,GN
					047 Direct Harness,SM(G652D),9/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MPO+Guide Pin (SM APC Low Loss),-LC (SM APC),even-alignment,30cm	
					048 Direct Harness,SM(G657A2),9/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MPO+Guide Pin (SM APC Low Loss),-LC (SM APC),even-alignment,30cm	
					226 Direct Harness,OM3,50/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MTP+Guide Pin (MM Low Loss),-LC (MM Low Loss),even-alignment,30cm	
					227 Direct Harness,OM4,50/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MTP+Guide Pin (MM Low Loss),-LC (MM Low Loss),even-alignment,30cm	
					234 Direct Harness,MM,50/125um,12C,0.9mm Jacket,Mix,PVC,12 F MTP+Guide Pin (MM),-LC (MM),even-alignment,30cm	
					235 Direct Harness,OM3,50/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MTP+Guide Pin (MM),-LC (MM),even-alignment,30cm	
					236 Direct Harness,OM4,50/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MTP+Guide Pin (MM),-LC (MM),even-alignment,30cm	
					239 Direct Harness,SM(G652D),9/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MTP+Guide Pin (SM APC),-LC (SM UPC),even-alignment,30cm	
					240 Direct Harness,SM(G657A2),9/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MTP+Guide Pin (SM APC),-LC (SM UPC),even-alignment,30cm	
					241 Direct Harness,SM(G652D),9/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MTP+Guide Pin (SM APC),-LC (SM APC),even-alignment,30cm	
					242 Direct Harness,SM(G657A2),9/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MTP+Guide Pin (SM APC),-LC (SM APC),even-alignment,30cm	
					247 Direct Harness,SM(G652D),9/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MTP+Guide Pin (SM APC Low Loss),-LC (SM APC),even-alignment,30cm	
					248 Direct Harness,SM(G657A2),9/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MTP+Guide Pin (SM APC Low Loss),-LC (SM APC),even-alignment,30cm	

HD TYPE

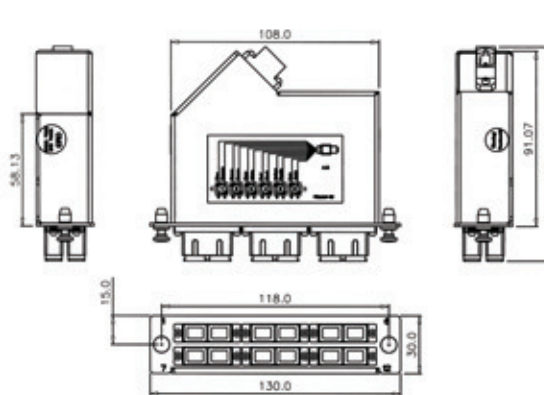


1. MTP® adaptor: A type key up to key down, 2pcs.
2. Top Case: 1.5mm thickness, SPCC, BK (RAL9005).
3. Bottom case: 1.5mm thickness, SPCC, BK (RAL9005).
4. Plunger: 2pcs, Black color.
5. LC adaptor: 6pcs, MM, LC quad (SC footprint), w/Zr. sleeve.
6. Screw: 16pcs, M2.0 × 6.0 Zinc Plated, Black color.
7. MTP® dust cover: 2pcs, Black color.
8. Screw: 2pcs, M3.0 × 4.0/4.5mm Zinc Plated.
9. Harness patch cord (MNPE series): 2pcs, MTP® (male) to LC OM3 12C × 2, 30cm.

HOW TO ORDER (SC)

MNKF	X	X	X	X	XX	XX
NO.	Cassette Type	Color	Method	MPO/MTP®	Direct Harness	SC Adaptor
MNKF	A A 12P LGX Type	0 1 BK	0 1 Method A,C	1 WPO Flange Type,MM,(Key Up-Down),BK	002 Direct Harness,OM3,50/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MPO+Guide Pin (MM Low Loss),-SC II (MM Low Loss),even-alignment,30cm	01 SC-SC,Flange Type,MM,Duplex,w/ 2P Sleeve,One Piece Type,IV
			0 2 Method B	2 WPO Flange Type,MM,(Key Up-Up),BK	003 Direct Harness,OM4,50/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MPO+Guide Pin (MM Low Loss),-SC II (MM Low Loss),even-alignment,30cm	27 SC-SC,Flange Type,MM,Duplex,w/ 2P Sleeve,One Piece Type,AG
			0 3 Method B Divided		010 Direct Harness,MM,50/125um,12C,0.9mm Jacket,Mix,PVC,12 F MPO+Guide Pin (MM),-SC II (MM),even-alignment,30cm	03 SC-SC,Flange Type,SM,Duplex,w/ 2P Sleeve,One Piece Type,BL
				3 MTP Flange Type,MM,(Key Up-Down),BK	011 Direct Harness,OM3,50/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MPO+Guide Pin (MM),-SC II (MM),even-alignment,30cm	04 SC-SC,Flange Type,SM,Duplex,w/ 2P Sleeve,One Piece Type,GN
				4 MTP Flange Type,MM,(Key Up-Up),Light Gray	012 Direct Harness,OM4,50/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MPO+Guide Pin (MM),-SC II (MM),even-alignment,30cm	
					015 Direct Harness,SM(G652D),9/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MPO+Guide Pin (SM APC),-SC II (SM UPC),even-alignment,30cm	
					016 Direct Harness,SM(G657A2),9/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MPO+Guide Pin (SM APC),-SC II (SM UPC),even-alignment,30cm	
					017 Direct Harness,SM(G652D),9/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MPO+Guide Pin (SM APC),-SC II (SM APC),even-alignment,30cm	
					018 Direct Harness,SM(G657A2),9/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MPO+Guide Pin (SM APC),-SC II (SM APC),even-alignment,30cm	
					023 Direct Harness,SM(G652D),9/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MPO+Guide Pin (SM APC Low Loss),-SC II (SM APC),even-alignment,30cm	
					024 Direct Harness,SM(G657A2),9/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MPO+Guide Pin (SM APC Low Loss),-SC II (SM APC),even-alignment,30cm	
					202 Direct Harness,OM3,50/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MTP+Guide Pin (MM Low Loss),-SC II (MM Low Loss),even-alignment,30cm	
					203 Direct Harness,OM4,50/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MTP+Guide Pin (MM Low Loss),-SC II (MM Low Loss),even-alignment,30cm	
					210 Direct Harness,MM,50/125um,12C,0.9mm Jacket,Mix,PVC,12 F MTP+Guide Pin (MM),-SC II (MM),even-alignment,30cm	
					211 Direct Harness,OM3,50/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MTP+Guide Pin (MM),-SC II (MM),even-alignment,30cm	
					212 Direct Harness,OM4,50/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MTP+Guide Pin (MM),-SC II (MM),even-alignment,30cm	
					215 Direct Harness,SM(G652D),9/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MTP+Guide Pin (SM APC),-SC II (SM UPC),even-alignment,30cm	
					216 Direct Harness,SM(G657A2),9/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MTP+Guide Pin (SM APC),-SC II (SM UPC),even-alignment,30cm	
					217 Direct Harness,SM(G652D),9/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MTP+Guide Pin (SM APC),-SC II (SM APC),even-alignment,30cm	
					218 Direct Harness,SM(G657A2),9/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MTP+Guide Pin (SM APC),-SC II (SM APC),even-alignment,30cm	
					223 Direct Harness,SM(G652D),9/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MTP+Guide Pin (SM APC Low Loss),-SC II (SM APC),even-alignment,30cm	
					224 Direct Harness,SM(G657A2),9/125um,Corning,12C,0.9mm Jacket,Mix,PVC,12 F MTP+Guide Pin (SM APC Low Loss),-SC II (SM APC),even-alignment,30cm	

LGX TYPE



MNIU SERIES (FIBER ENCLOSURES)

SPECIFICATIONS

- Compliant with EIA 19" cabinet.
- Sliding tray with front and rear stop slides forward and backward providing accessibility to front and rear of bulkhead after installation.
- Convertible ear support recessed depth, up to 60mm.
- A variety of removable panel faces.
- Optional cable management tray.

FIBER COMPATIBILITY

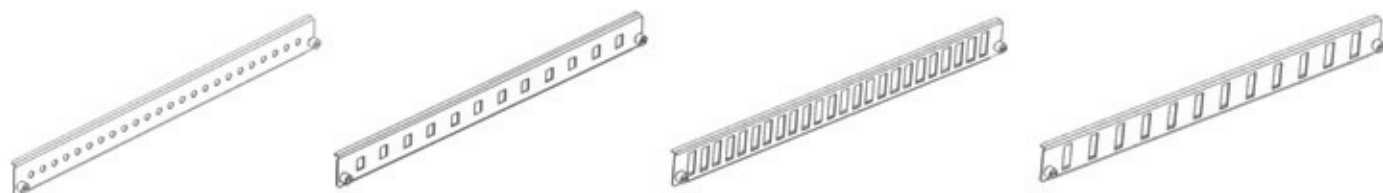
- Maximum LC: 120pcs.
- Maximum MTP®/ MPO: 216pcs.

APPLICATIONS

- Physical protection of fiber connection and storage of fiber slack.

This series is designed to increase flexibility for any environment in data center. Stylish and innovative design is ideal for today's most advanced networks and setting. One-piece removable panel face supports both cassette and flush-mount adaptor bulkhead for easy of moves, adds and changes. Accepts 3pcs x LGX cassette or 5pcs High Density cassette. The maximum capacity is 120pcs x LC (one HD cassette: 24pcs x LC, 24pcs x 5 = 120pcs). Optional cable management trays help route and organize cables on enclosures. Because the trays can be mounted directly to the front of the enclosures, they do not require additional rack space. With the convertible ears, this panel facilitates the recessed depth, up to 60mm. Sliding tray glides 45 degree forward (with stop) and backward, and removes for easy field terminations and splicing.

- Options for removable panel (from the top): ST x 24pcs, SC simplex x 12pcs, SC Duplex 24 x 2port / LC Quad 24 x 4 port, SC Duplex 12 x 2port / LC Quad 12 x 4 port.



HOW TO ORDER

EPCT Code	Spec Description
MNIU-LGX3P-WS	Metal, Advanced Fiber Patch Panel, for Cassette LGX Type 3P, w/ Support Bar, BK
MNIU-HD5P-WS	Metal, Advanced Fiber Patch Panel, for Cassette HD Type 5P, w/ Support Bar, BK
MNIU-LGX3P-WOS	Metal, Advanced Fiber Patch Panel, for Cassette LGX Type 3P, w/o Support Bar, BK
MNIU-HD5P-WOS	Metal, Advanced Fiber Patch Panel, for Cassette HD Type 5P, w/o Support Bar, BK



- With 3pcs x LGX cassette.



- With 5 HD cassette and cable management tray (optional) standard panel, black silk painting.

ST CONNECTOR

PARAMETER	CONDITION	MULTIMODE	SINGLEMODE
INSERTION LOSS	$\lambda=1300\text{nm}$	<0.5dB(MM)	<0.3dB
RETURN LOSS	PC POLISH	NA	>35dB
	SPC POLISH	NA	>40dB
	UPC POLISH	NA	>50dB
	APC POLISH	NA	>65dB
OPERATION TEMPERATURE	-20°C TO +70°C	0.2dB	0.2dB
DURABILITY	500 CYCLES	0.2dB	0.2dB
VIBRATION	10 TO 55HZ 1.5mm DOUBLE AMPLITUDE	0.2dB	0.2dB
TEMPERATURE CYCLE	-20°C TO +80°C	0.2dB	0.2dB
TENSILE STRENGTH	10KGF	0.2dB	0.2dB

HOW TO ORDER

11-XX-X-X

NUMBER OF FIBER

B = 8 FIBERS

C = 12 FIBERS

CONNECTOR TYPE

A = ST

C = FC / PC TYPICAL TYPE

D = FC / PC ONE PIECE TYPE

I = FC / APC 8° PRE - ANGLED

F = SC

H = SC DUPLEX WITH CLIP

J = SC SM / APC 8° PRE - ANGLED

K = SC SM / APC DUPLEX

L = LC

P = LC DUPLEX WITH CLIP

7 = LC / APC (NOT 8° PRE - ANGLED)

8 = LC / APC DUPLEX WITH CLIP (NOT 8° PRE - ANGLED)

M = MTRJ

N = MTRJ WITH GUIDE PIN

Q = MPO CONNECTOR

P = MPO CONNECTOR WITH GUIDE PIN

T = MTP CONNECTOR

S = MTP CONNECTOR WITH GUIDE PIN

Y = MU CONNECTOR

Z = MU DUPLEX CONNECTOR

E = E2000

G = E2000 DUPLEX WITH CLIP

5 = E2000 SM / APC

6 = E2000 SM / APC DUPLEX WITH CLIP

MULTIMODE / SINGLEMODE

M = MULTIMODE (MM)

S = SINGLEMODE (SM)

BOOT TYPE

1 = FOR 3.0mm CABLE

2 = FOR 0.9mm CABLE

3 = FOR 2.0mm CABLE

4 = FOR 1.8mm CABLE

E = 5.0x5.4mm CABLE






(FOR RIBBON FLAT-SIMPLEX)

F = 3.5x0.6mm CABLE






(FOR BARE RIBBON)

	PART DESCRIPTION	PART NUMBER
ST CONNECTOR		
	SM WITH 0.9mm YELLOW BOOT	11-AS-2-1
	MM WITH 0.9mm BLACK BOOT	11-AM-2-1
	SM WITH 2.0mm YELLOW BOOT	11-AS-3-1
	MM WITH 2.0mm BLACK BOOT	11-AM-3-1
	SM WITH 3.0mm YELLOW BOOT	11-AS-1-1
	MM WITH 3.0mm BLACK BOOT	11-AM-1-1

FC / SC CONNECTOR

	PART DESCRIPTION	PART NUMBER
FC CONNECTOR		
	MM WITH 0.9mm BLACK BOOT	11-DM-2-1
	SM WITH 0.9mm YELLOW BOOT	11-DS-2-1
	SM/APC WITH 0.9mm GREEN BOOT	11-IS-2-1
	MM WITH 3.0mm BLACK BOOT	11-DM-1-1
	SM WITH 3.0mm YELLOW BOOT	11-DS-1-1
	SM/APC WITH 3.0mm GREEN BOOT	11-IS-1-3
SC SIMPLEX CONNECTOR		
	MM WITH 0.9mm BLACK BOOT	11-FM-2-4
	SM WITH 0.9mm BLUE BOOT	11-FS-2-2
	SM/APC WITH 0.9mm GREEN BOOT	11-JS-2-3
	MM WITH 3.0mm BLACK BOOT	11-FM-1-5
	SM WITH 3.0mm BLUE BOOT	11-FS-1-2
	SM/APC WITH 3.0mm GREEN BOOT	11-JS-1-3
SC DUPLEX CONNECTOR		
	MM WITH 3.0mm BLACK & RED BOOT	11-HM-1-5
	SM WITH 3.0mm BLUE BOOT	11-HS-1-2
	SM/APC WITH 3.0mm GREEN BOOT	11-KS-1-3

LC CONNECTOR

	PART DESCRIPTION	PART NUMBER
LC SIMPLEX CONNECTOR		
	MM WITH 0.9mm BOOT	11-LM-2-1
	SM WITH 0.9mm BOOT	11-LS-2-1
	SM/APC WITH 0.9mm BOOT	11-PS-2-1
	MM WITH 2.0mm BOOT	11-LM-3-1
	SM WITH 2.0mm BOOT	11-LS-3-1
	SM/APC WITH 2.0mm BOOT	11-PS-3-1
	MM WITH 3.0mm BOOT	11-LM-1-1
	SM WITH 3.0mm BOOT	11-LS-1-1
	SM/APC WITH 3.0mm BOOT	11-PS-1-1
LC DUPLEX CONNECTOR		
	MM WITH 2.0mm BOOT	11-PM-3-1
	SM WITH 2.0mm BOOT	11-PS-3-1
	SM/APC WITH 2.0mm BOOT	11-8S-3-1
	MM WITH 3.0mm BOOT	11-PM-1-3
	SM WITH 3.0mm BOOT	11-PS-1-1
	SM/APC WITH 3.0mm BOOT	11-8S-1-1

MTRJ / MPO CONNECTOR

	PART DESCRIPTION	PART NUMBER
MTRJ CONNECTOR		
	FEMALE TYPE, MM WITH 1.8mm BOOT	11-MM-4-1
	FEMALE TYPE, SM WITH 1.8mm BOOT	11-MS-4-1
	MALE TYPE, MM WITH 1.8mm BOOT	11-NM-1-1
	MALE TYPE, SM WITH 1.8mm BOOT	11-NS-1-1
MPO CONNECTOR		
	SM/APC 12 FIBERS, WITH 3.5 X 0.6mm BOOT	11C-QS-F-1
	MM 12 FIBERS, WITH 5.0 X 2.4mm BOOT	11B-QM-E-1

FIBER OPTIC ADAPTOR

INTRODUCING OUR FIBER OPTIC ADAPTORS, WE OFFER ALL STANDARD ST, FC/PC, SC, MT-RJ & LC ADAPTORS. CONSIDERING LAN CABLING SYSTEM, WE DEVELOPED A SERIES OF ADAPTORS WHICH HAVE THE UNIVERSAL MOUNTING HOLES 0.71"X0.37" AS SIMPLEX SC ADAPTOR'S. THERE ARE ST, FC/PC, SC, MT-RJ & LC AND ALL THE CONVERSIONS.

FOR INSTALLATION, INSTALLER CAN LINK ALL ABOVE TYPES ONTO THE TERMINATION BOX, OR PATCH PANEL, AS LONG AS THE MOUNTING HOLE IS 0.71" X 0.37" (STANDARD SC SIMPLEX MOUNTING HOLE). IT SIMPLIFIES MOUNTING HOLE PROBLEMS AND SAVES COST.

HOW TO ORDER

15-01-M1-1

CONNECTOR TYPE

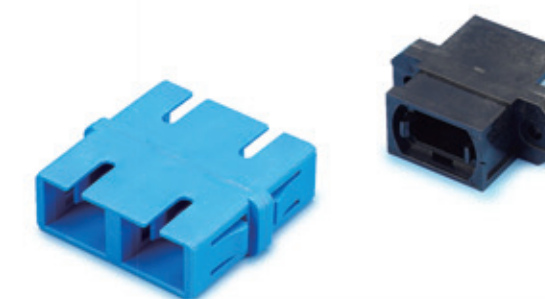
- 01 = ST THREAD TYPE
- 02 = ST FLANGE TYPE
- 03 = ST PLASTIC DUPLEX TYPE
- 04 = FC/PC METAL SQUARE TYPE
- 05 = FC/PC METAL D TYPE
- 06 = FC/PC FLANGE TYPE
- 07 = SC SIMPLEX TYPE
- 08 = SC DUPLEX TYPE
- 09 = ST TO FC/PC HYBRID TYPE
- 10 = ST TO SC HYBRID TYPE
- 11 = FC/PC TO SC HYBRID TYPE
- 12 = ST TO SC DUPLEX HYBRID TYPE
- 13 = MTRJ TYPE
- 14 = LC DUPLEX TYPE
- 15 = LC SIMPLEX TYPE
- 16 = LC DUPLEX TYPE WITH SC FOOT PRINT
- 17 = LC QUAD TYPE
- 18 = SC FLANGELESS TYPE
- 19 = SC DUPLEX, FLANGELESS TYPE
- 20 = MPO & MTP TYPE
- 21 = MU TYPE
- 22 = MU DUPLEX TYPE

SLEEVE TYPE

- M1 = MULTIMODE PHOSPHOR BRONZE (PB) SLEEVE
- S1 = SINGLEMODE ZIRCONIA (ZR.) SLEEVE

SLEEVE TYPE

- 1 = BLUE
- 2 = GREEN
- 3 = BEIGE
- 4 = BLACK
- 5 = BROWN







ST / FC ADAPTOR

	TYPE	PART DESCRIPTION	PART NUMBER
ST ADAPTOR			
	SIMPLEX-THREAD	MM WITH PB SLEEVE	15-01M1-1
		SM WITH ZR. SLEEVE	15-01S1-1
	SIMPLEX-FLANGE	MM WITH PB SLEEVE, IVORY	15-02M1-3
		SM WITH ZR. SLEEVE, BLUE	15-02S1-1
	DUPLEX-FLANGE	MM WITH PB SLEEVE, IVORY	15-03M1-3
		SM WITH ZR. SLEEVE, BLUE	15-03S1-1
FC Adaptor			
	SIMPLEX-SQUARE	MM WITH PB SLEEVE	15-04M1-1
		SM WITH ZR. SLEEVE	15-04S1-1
	SIMPLEX-D SHAPE	MM WITH PB SLEEVE	15-05M1-1
		SM WITH ZR. SLEEVE	15-05S1-1
	SIMPLEX-FLANGE	MM WITH PB SLEEVE, IVORY	15-06M1-3
		SM WITH ZR. SLEEVE, BLUE	15-06S1-1




SC / MTRJ / MPO ADAPTOR

	TYPE	PART DESCRIPTION	PART NUMBER
SC ADAPTOR			
	SIMPLEX-FLANGE	MM WITH PB SLEEVE, IVORY	15-07M1-3
		10G WITH PB SLEEVE, AQUA	15-0710G-6
		SM WITH ZR. SLEEVE, BLUE	15-07S1-1
		SM/APC WITH ZR. SLEEVE, GREEN	15-07S1-2
	SIMPLEX-FLANGELESS	MM WITH PB SLEEVE, IVORY	15-18M1-3
		10G WITH PB SLEEVE, AQUA	15-1810G-6
		SM WITH ZR. SLEEVE, BLUE	15-18S1-1
		SM/APC WITH ZR. SLEEVE, GREEN	15-18S1-2
	DUPLEX-FLANGE	MM WITH PB SLEEVE, IVORY	15-08M1-3
		10G WITH PB SLEEVE, AQUA	15-0810G-6
		OM4 WITH PB SLEEVE, PURPLE	15-08OM4-7
		SM WITH ZR. SLEEVE, BLUE	15-08S1-1
		SM/APC WITH ZR. SLEEVE, GREEN	15-08S1-2
	DUPLEX-FLANGELESS	MM WITH PB SLEEVE, IVORY	15-19M1-3
		10G WITH PB SLEEVE, AQUA	15-1910G-6
		SM WITH ZR. SLEEVE, BLUE	15-19S1-1
		SM/APC WITH ZR. SLEEVE, GREEN	15-19S1-2
MTRJ ADAPTOR			
		IVORY	15-13M1-3
		BLACK	15-13M1-4
MPO ADAPTOR			
		BLACK	15-20M1-4

LC ADAPTOR

	TYPE	PART DESCRIPTION	PART NUMBER
LC ADAPTOR			
	SIMPLEX	MM WITH PB SLEEVE, IVORY	15-15M1-3
		10G WITH PB SLEEVE, AQUA	15-1510G-6
		SM WITH ZR. SLEEVE, BLUE	15-15S1-1
		SM/APC WITH ZR. SLEEVE, GREEN	15-15S1-2
	DUPLEX-SQUARE	MM WITH PB SLEEVE, IVORY	15-14M1-3
		10G WITH PB SLEEVE, AQUA	15-1410G-6
		SM WITH ZR. SLEEVE, BLUE	15-14S1-1
		SM/APC WITH ZR. SLEEVE, GREEN	15-14S1-2
	DUPLEX-SC FOOTPRINT	MM WITH PB SLEEVE, IVORY	15-16M1-3
		10G WITH PB SLEEVE, AQUA	15-1610G-6
		OM4 WITH PB SLEEVE, PURPLE	15-16OM4-7
		SM WITH ZR. SLEEVE, BLUE	15-16S1-1
		SM/APC WITH ZR. SLEEVE, GREEN	15-16S1-2
	QUAD.-SC FOOTPRINT	MM WITH PB SLEEVE, IVORY	15-17M1-3
		10G WITH PB SLEEVE, AQUA	15-1710G-6
		SM WITH ZR. SLEEVE, BLUE	15-17S1-1
		SM/APC WITH ZR. SLEEVE, GREEN	15-17S1-2

HYBRID ADAPTOR

	TYPE	PART DESCRIPTION	PART NUMBER
HYBRID ADAPTOR			
	ST TO FC SIMPLEX	SM WITH ZR. SLEEVE, BLUE	15-09S1-1
		MM WITH PB SLEEVE, IVORY	15-09M1-3
	ST TO SC SIMPLEX	SM WITH ZR. SLEEVE, BLUE	15-10S1-1
		MM WITH PB SLEEVE, IVORY	15-10M1-3
	SC TO FC SIMPLEX	SM WITH ZR. SLEEVE, BLUE	15-11S1-1
		MM WITH PB SLEEVE, IVORY	15-11M1-3
	ST TO SC DUPLEX	SM WITH ZR. SLEEVE, BLUE	15-12S1-1
		MM WITH PB SLEEVE, IVORY	15-12M1-3

LOOP BACK-SC, LC & MTRJ TYPE



SPECIFICATION

ITEM		MULTIMODE		SINGLEMODE	
CONNECTOR		SC, LC, MTRJ		SC, LC	MTRJ
FIBER DIAMETER(um)		62.5/125	50/125	9/125	9/125
RETURN LOSS(DB)	PC POLISH	-	-	≥35	≥40
	SPC POLISH	-	-	≥40	-
	UPC POLISH	-	-	≥50	-
INSERTION LOSS		≤0.5MAX.	≤0.5MAX.	≤0.3MAX.	≤0.3MAX.

HOW TO ORDER

SC

26-HH M1 F01-65MM	SC MM 62.5/125um LOOP BACK, ORANGE CABLE
26-HH S0 F04-65MM	SC SM 9/125um, PC POLISH, LOOP BACK, YELLOW CABLE
26-HH S1 F04-65MM	SC SM 9/125um LOOP BACK, YELLOW CABLE
26-HH S2 F04-65MM	SC SM 9/125um, UPC POLISH, LOOP BACK, YELLOW CABLE

LC

26-PP M1 F12-65MM	LC MM 62.5/125um LOOP BACK, ORANGE CABLE
26-PP S0 F14-60MM	LC SM 9/125um, PC POLISH, LOOP BACK, YELLOW CABLE
26-PP S1 F14-65MM	LC SM 9/125um LOOP BACK, YELLOW CABLE
26-PP S2 F14-60MM	LC SM 9/125um, UPC POLISH, LOOP BACK, YELLOW CABLE

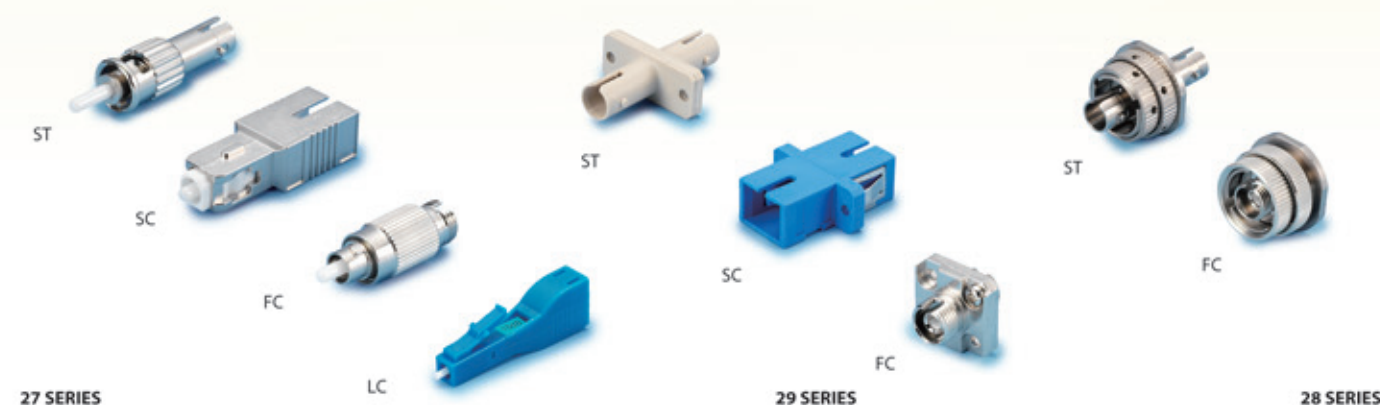
MTRJ

26-MM M1 F26-65MM	MTRJ MM 62.5/125um LOOP BACK, ORANGE CABLE
26-MM S0 F27-65MM	MTRJ SM 9/125um, PC POLISH, LOOP BACK, YELLOW CABLE
26-MM S1 F27-65MM	MTRJ SM 9/125um LOOP BACK, YELLOW CABLE
26-MM S2 F27-65MM	MTRJ SM 9/125um, UPC POLISH, LOOP BACK, YELLOW CABLE

POLISH GRADE

M1 = MULTIMODE
S0 = SINGLEMODE PC POLISH
S1 = SINGLEMODE SPC POLISH;
S2 = SINGLEMODE UPC POLISH

ATTENUATOR



SPECIFICATION

ITEM	RANGE		TOLERANCE
ATTENUATION VALUE (dB)	3		±0.5
	5		±0.5
	10		±1.0
	15		±1.5
	20		±2.0
	25		±2.5
RETURN LOSS (dB)	PC	>45	-
	SPC	>50	-
	UPC	>55	-

HOW TO ORDER

27 SERIES, MALE TO FEMALE

27-AA/SM- XX /XX	ST ATTENUATOR
27-FF/SM- XX /XX	SC ATTENUATOR
27-CC/SM- XX /XX	FC ATTENUATOR
27-LL/SM- XX /XX	LC ATTENUATOR

29 SERIES, FEMALE TO FEMALE

29-AA/MM- XX	ST ATTENUATOR
29-FF/SM- XX	SC ATTENUATOR
29-CC/SM- XX	FC ATTENUATOR
29-LL/SM- XX	LC ATTENUATOR

28 SERIES, FEMALE TO FEMALE

28-AA/MM- XX	ST ATTENUATOR
28-FF/SM- XX	SC ATTENUATOR
28-CC/SM- XX	FC ATTENUATOR
28-LL/SM- XX	LC ATTENUATOR

ATTENUATION VALUE

03 = 3dB; 05 = 5dB; 10 = 10dB; 15 = 15dB; 20 = 20dB; 25 = 25dB; 30 = 30dB

RETURN LOSS

S0 = PC; S1 = SPC; S2 = UPC

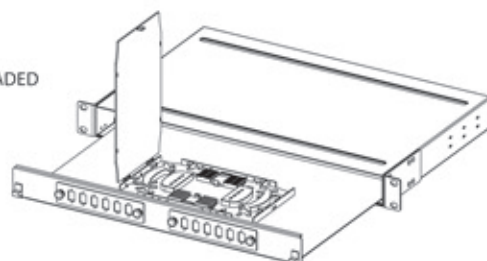
FIBER RACK MOUNTED PATCH PANEL



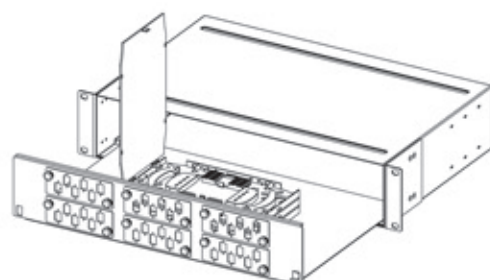
SPECIFICATION

FIBER RACK MOUNTED PATCH PANEL	12 PORT	24 PORT	36 PORT	48 PORT
DIMENSION	1.75" x 19" x 11" (44.5 x 482 x 280mm)	1.75" x 19" x 11" (44.5 x 482 x 280mm)	3.4" x 19" x 11" (89.7 x 482 x 280mm)	3.4" x 19" x 11" (89.7 x 482 x 280mm)
PANEL GATE	2 x ADAPTOR PANEL	NO ADAPTOR PANEL	6 x ADAPTOR PANEL	8 x ADAPTOR PANEL
PANEL SIZE	APPLY WITH 130 x 29mm	APPLY WITH 130 x 29mm	APPLY WITH 99 x 37mm	APPLY WITH 160 x 25.5mm
ACCESSORY (ROUTING & SPLICING TRAY)	1 SET	2 SETS	3 SETS	4 SETS
MATERIAL	SPCC			
THICKNESS	1.2mm			
FINISHED	PAINTING			

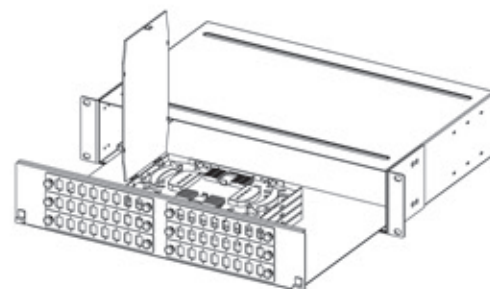
12 PORT PATCH PANEL ADAPTOR UNLOADED



36 PORT PATCH PANEL ADAPTOR UNLOADED



48 PORT PATCH PANEL ADAPTOR UNLOADED



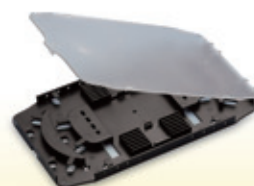
HOW TO ORDER

PATCH PANEL ADAPTOR UNLOADED

18-4UXXIV01-1 ST WALL MOUNTED BOX
 18-4UXXIV04-1 FC WALL MOUNTED BOX
 18-4UXXIV07-1 SC SIMPLEX WALL MOUNTED BOX
 18-4UXXIV08-1 SC DUPLEX WALL MOUNTED BOX
 18-4UXXIV14-1 LC DUPLEX WALL MOUNTED BOX, SQUARE TYPE
 18-4UXXIV15-1 LC SIMPLEX WALL MOUNTED BOX
 18-4UXXIV16-1 LC DUPLEX (SC FOOTPRINT) WALL MOUNTED BOX, MTRJ
 XX: PORTS = 12, 24, 36, 48

SPLICE TRAY & SPOOL CABLE ROUTING

20-09-XX-01
 XX: BK = BLACK, IV = IVORY

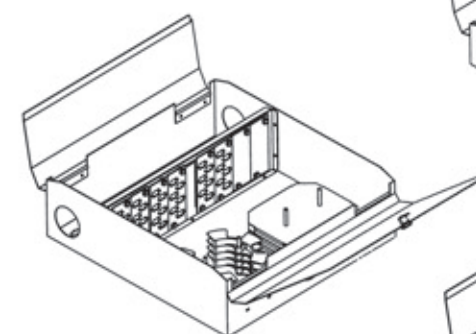
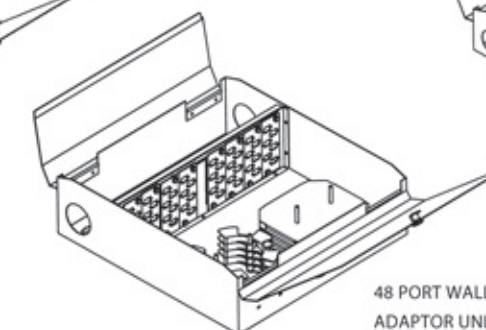
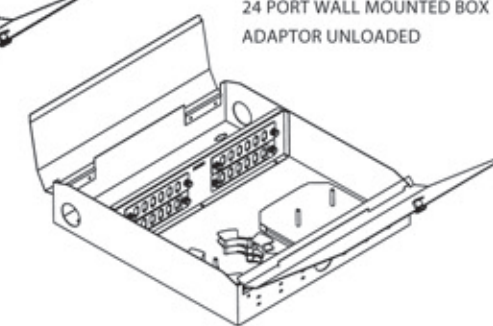


FIBER WALL MOUNTED BOX



SPECIFICATION

FIBER WALL MOUNTED BOX	12 PORT	24 PORT	36 PORT	48 PORT
DIMENSION	14.5" x 13.8" x 3.2" (370 x 350 x 81.5mm)	14.5" x 13.8" x 3.2" (370 x 350 x 81.5mm)	14.5" x 13.8" x 3.2" (370 x 350 x 111.5mm)	14.5" x 13.8" x 3.2" (370 x 350 x 111.5mm)
PANEL GATE	2 x DUMMY PANEL + 2 x ADAPTOR PANEL	4 x DUMMY PANEL + 2 x ADAPTOR PANEL	2 x DUMMY PANEL + 6 x ADAPTOR PANEL	8 x ADAPTOR PANEL
PANEL SIZE	APPLY WITH 130 x 29mm		APPLY WITH 99 x 37mm	
ACCESSORY	1 x SPLICE + 2 x FULL MOON CABLE ROUTING	2 x SPLICE + 2 x FULL MOON CABLE ROUTING	3 x SPLICE + 4 x FULL MOON CABLE ROUTING	4 x SPLICE + 4 x FULL MOON CABLE ROUTING
MATERIAL	SPCC			
WEIGHT	4.0Kg		4.4Kg	
THICKNESS	1.2mm			
FINISHED	PAINTING			

12 PORT WALL MOUNTED BOX
ADAPTOR UNLOADED36 PORT WALL MOUNTED BOX
ADAPTOR UNLOADED24 PORT WALL MOUNTED BOX
ADAPTOR UNLOADED48 PORT WALL MOUNTED BOX
ADAPTOR UNLOADED

HOW TO ORDER

WALL MOUNTED BOX ADAPTOR UNLOADED

18-1UXXIV01-1 ST WALL MOUNTED BOX
 18-1UXXIV04-1 FC WALL MOUNTED BOX
 18-1UXXIV07-1 SC SIMPLEX WALL MOUNTED BOX
 18-1UXXIV08-1 SC DUPLEX WALL MOUNTED BOX
 18-1UXXIV14-1 LC DUPLEX WALL MOUNTED BOX, SQUARE TYPE
 18-1UXXIV15-1 LC SIMPLEX WALL MOUNTED BOX
 18-1UXXIV16-1 LC DUPLEX (SC FOOTPRINT) WALL MOUNTED BOX, MTRJ
 XX: PORTS = 12, 24, 36, 48

FIBER SLIDING PATCH PANEL

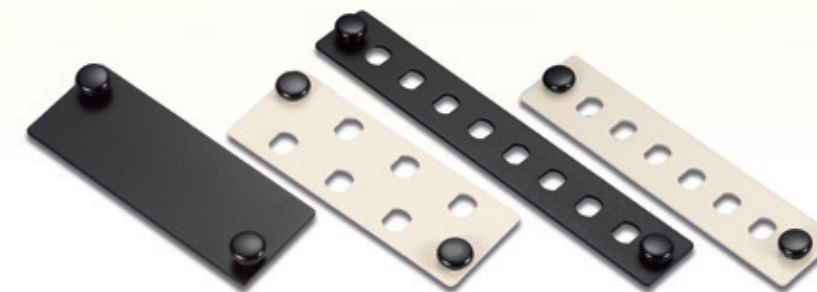


SPECIFICATION

OPTIONS	PART DESCRIPTION	PART NUMBER
W/O SPLICE TRAY, W/O ADAPTOR PANEL	1U PATCH PANEL	18S-1U/BK
WITH ADAPTOR PANEL UNLOADED, W/O SPLICE TRAY	18 PORT, 3 PCS ADAPTOR PANEL, SC SIMPLEX FLANGE TYPE	18S-1U1802B
	24 PORT, 3 PCS ADAPTOR PANEL, FC D TYPE	18S-1U2404D
	24 PORT, 3 PCS ADAPTOR PANEL, ST THREAD TYPE	18S-1U2401D
	24 PORT, 3 PCS ADAPTOR PANEL, SC DUPLEX FLANGE TYPE	18S-1U2403D
	48 PORT, 3 PCS ADAPTOR PANEL, LC DUPLEX SQUARE TYPE	18S-1U4805D
WITH ADAPTOR PANEL UNLOADED, WITH SPLICE TRAY	18 PORT, 3 PCS ADAPTOR PANEL, SC SIMPLEX FLANGE TYPE	18S-1U1802B-S
	24 PORT, 3 PCS ADAPTOR PANEL, FC D TYPE	18S-1U2404D-S
	24 PORT, 3 PCS ADAPTOR PANEL, ST THREAD TYPE	18S-1U2401D-S
	24 PORT, 3 PCS ADAPTOR PANEL, SC DUPLEX FLANGE TYPE	18S-1U2403D-S
	48 PORT, 3 PCS ADAPTOR PANEL, LC DUPLEX SQUARE TYPE	18S-1U4805D-S
ADAPTOR PANEL, UNLOAD	BLIND TYPE	18S-BT
	6 PORT, SC SUPLEX FLANGE TYPE	18S-02B
	8 PORT, FC D TYPE	18S-04D
	8 PORT, ST THREAD TYPE	18S-01D
	8 PORT, SC DUPLEX FLANGE TYPE	18S-03D
	16 PORT, LC DIMPLEX SQUARE TYPE	18S-05D

- MOVABLE FIBER ADAPTOR PANEL SUPPLY FLEXIBILITY AS NEEDS AND DEMANDS CHANGE
- FRONT COVER - AVOID THE DUST & BRAND PRINTS
- HINGED TRAY DESIGN - EASY TO USE

FIBER OPTIC ADAPTOR PANEL



ADAPTOR UNLOADED PANEL

16-XXXXXX

XXX: ADAPTOR TYPE & PORT

XX: PANEL COLOR, IV/BK

PANEL PORT & SIZE

A: 4 PORT ADAPTOR PANEL, 130 X 29MM

B: 6 PORT ADAPTOR PANEL, 130 X 29MM

C: 2 X 3 PORT ADAPTOR PANEL, 99 X 37MM

D: 8 PORT ADAPTOR PANEL, 160 X 25.5MM



ADAPTOR TYPE & PORT

ADAPTOR TYPE		4 PORT	6 PORT	2 x 3 PORT	8 PORT
		A	B	C	D
ST THREAD	1	01A	01B	01C	01D
ST FLANGE	2	02A	02B	02C	02D
ST DUPLEX	3	--	--	03C	--
FC SQUARE	4	04A	04B	04C	04D
FC D TYPE	4	04A	04B	04C	04D
FC FLANGE	2	02A	02B	02C	02D
SC SIMPLEX	2	02A	02B	02C	02D
SC DUPLEX	3	03A	03B	03C	03D
LC DUPLEX, SQUARE TYPE	5	--	05B	05C	05D
LC SIMPLEX	6	06A	06B	06C	06D
LC DUPLEX, SC FOOT PRINT	7	--	07B	07C	07D
ST TO FC	2	02A	02B	02C	02D
ST TO SC	2	02A	02B	02C	02D
FC TO SC	2	02A	02B	02C	02D
ST TO SC DUPLEX	3	03A	03B	03C	03D

ADAPTOR LOADED PANEL

17-XXXXXX-1

XXX: ADAPTOR TYPE & PORT

XX: PANEL COLOR, IV/BK

XX: SLEEVE TYPE -

M1 = MULTIMODE PHOSPHOR BRONZE SLEEVE

S1 = SINGLEMODE ZIRCONIA SLEEVE

X: ADAPTOR COLOR - 1 = BLUE; 2 = GREEN; 3 = BEIGE; 4 = BLACK; X = METAL

ADAPTOR TYPE & PORT

ADAPTOR TYPE		4 PORT	6 PORT	2 x 3 PORT	8 PORT
		A	B	C	D
ST THREAD	1	01A	01B	01C	01D
ST FLANGE	2	02A	02B	02C	02D
ST DUPLEX	3	--	--	03C	--
FC SQUARE	4	04A	04B	04C	04D
FC D TYPE	5	05A	05B	05C	05D
FC FLANGE	6	06A	06B	06C	06D
SC SIMPLEX	7	07A	07B	07C	07D
SC DUPLEX	8	--	--	08C	--
ST TO FC	9	09A	09B	09C	09D
ST TO SC	10	10A	10B	10C	10D
FC TO SC	11	11A	11B	11C	11D
ST TO SC DUPLEX	12	--	--	12C	--
LC DUPLEX, SQUARE TYPE	14	NA	14B	14C	14D
LC SIMPLEX	15	15A	15B	15C	15D
LC DUPLEX, SC FOOT PRINT	16	--	16B	16C	16D

FIBER ACCESSORY

	PART DESCRIPTION	PART NUMBER
	SPLICE TRAY & SPOOL CABLE ROUTING, IVORY	20-05-IV-1
	SPLICE TRAY & SPOOL CABLE ROUTING, BLACK	20-05-BK-1
	FUSION SPLICE PROTECTOR SLEEVE, LENGTH 2.3, DIAMETER 0.0625	20-01-1
	SPOOL CABLE ROUTING TAKES 2PCS/SET, FULL MOON CABLE, IVORY	20-02-IV-1
	SPOOL CABLE ROUTING TAKES 2PCS/SET, FULL MOON CABLE, BLACK	20-02-BK-1
	SPLICE PLASTIC HOLDER FOR 6 FIBER, IVORY	20-03-IV-1
	SPLICE PLASTIC HOLDER FOR 6 FIBER, BLACK	20-03-BK-1
	SPLICE TRAY WITH 2 SETS OF SPLICE PLASTIC HOLDER, IVORY	20-04-IV-1
	SPLICE TRAY WITH 2 SETS OF SPLICE PLASTIC HOLDER, BLACK	20-04-BK-1

MINI FIBER CABLE TESTER (FOR ST TYPE)



FEATURE

- THE PORTABLE DESIGN IS EASY TO CARRY AND OPERATION
- LOW-COST MULTI-FUNCTION IS MORE ECONOMICAL
- THE MULTIPLE LEDS DISPLAY A CLEAR INDICATION
- POWER SAVING AUTOMATICALLY AND BATTERY LOW INDICATION
- POWER: 9-VOLT BATTERY

HOW TO ORDER

FT-8681

MINI FIBER CABLE TESTER (FOR SC TYPE)



FEATURE

- THE PORTABLE DESIGN IS EASY TO CARRY AND OPERATION
- LOW-COST MULTI-FUNCTION IS MORE ECONOMICAL
- THE MULTIPLE LEDS DISPLAY A CLEAR INDICATION
- POWER SAVING AUTOMATICALLY AND BATTERY LOW INDICATION
- POWER: 9-VOLT BATTERY

HOW TO ORDER

FT-8682

FIBER CABLE TESTER (FOR ST TYPE)



FEATURE

- THE PORTABLE DESIGN IS EASY TO CARRY AND OPERATION
- LOW-COST MULTI-FUNCTION IS MORE ECONOMICAL
- THE MULTIPLE LEDS DISPLAY A CLEAR INDICATION
- POWER SAVING AUTOMATICALLY AND BATTERY LOW INDICATION
- POWER: 9-VOLT BATTERY

HOW TO ORDER

FT-8683

FIBER CABLE TESTER (FOR SC TYPE)



FEATURE

- THE PORTABLE DESIGN IS EASY TO CARRY AND OPERATION
- LOW-COST MULTI-FUNCTION IS MORE ECONOMICAL
- THE MULTIPLE LEDS DISPLAY A CLEAR INDICATION
- POWER SAVING AUTOMATICALLY AND BATTERY LOW INDICATION
- POWER: 9-VOLT BATTERY

HOW TO ORDER

FT-8684