

Pre-Terminated MPO Cable Solutions

Mega Hertz offers a very diverse product range of MPO solutions. The pre-terminated cable offering includes standard trunks, harnesses, hybrid trunks, QSFP jumpers and harnesses. All products can be manufactured for backward compatibility with competitor solutions.

The most common MPO is a 12 fiber ferrule, and trunks range from 8 to 144 strand. High density ferrules are available in both single-mode (up to 24 fiber ferrule) and multimode (up to 72 fiber ferrule).

Cable construction is a micro-250, with reduced diameter making cables easier to pull and route. Jackets are available in OFNP, OFNR and LSZH. Any TIA color jacket or custom order colors are also available.

MPO Compliances

IEC 61754-5
TIA/EIA 604-5 Type MPO
40G and 100G IEEE 802.3
POP 4w

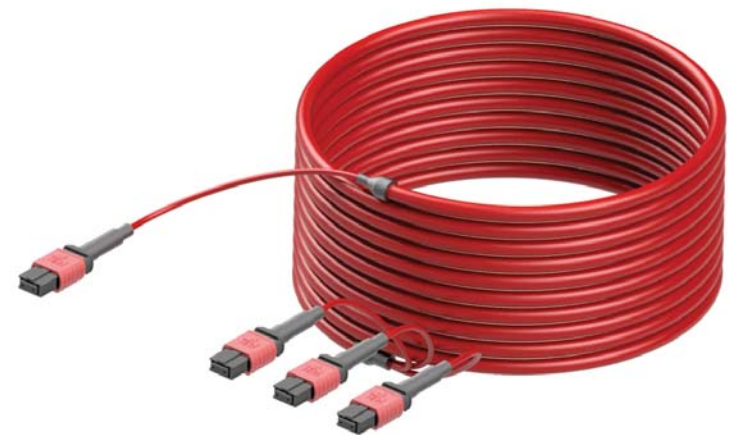
IEC 61754-7
TIA 568-C
SNAP 12
QSFP

Low loss Multimode Ferrule

0.1dB Typical IL (All Fibers)
0.35dB Max (Single Fiber)
>20dB >60dB

Low loss Single-Mode Ferrule

0.1dB Typical (All Fibers)
0.35dB Max (Single Fiber)
(8' Angle Polish)



MPO Trunk Cables

Ordering Information

(X)* (AA)(BB)(CCC)(D)(E)(F)(G)(H)(I)



**AA and BB =
Select Connectors**

00	NO CONNECTOR
MF	MPO 12F NON-PINNED*
MP	MPO 12F PINNED*
2F	24F FERRULE NON-PINNED
2P	24F FERRULE PINNED
4F	48F FERRULE NON-PINNED
4P	48F FERRULE PINNED
7F	72F FERRULE NON-PINNED
7P	72F FERRULE PINNED
8F	MPO 8F NON-PINNED
8P	MPO 8F PINNED
6F	MPO 16F NON-PINNED
6P	MPO 16F PINNED



**F = Select Jacket
Color**

4	STANDARD PER FIBER TYPE
B	BLUE
N	ORANGE
G	GREEN
W	BROWN
S	SLATE
H	WHITE
R	RED
K	BLACK
Y	YELLOW
V	VIOLET
P	ROSE
A	AQUA



**CCC = Select Fiber
Count**

008 -144



D = Select Fiber Type

Y	OS2	E	OM2
L	OS2 7.5MM BEND	G	OM3
Z	OS2 5MM BEND	M	OM4
F	OM1	P	OM5



E = Select Polarity

A
B
C



**G = Select Cable and
Rating**

P INDOOR OFNP
R INDOOR OFNR
Z INDOOR LSZH



H = Select Length

001-999



**I = Select Unit of
Measure**

F FEET
M METER
N INCHES

MPO Hybrid Trunk Cable Configurator

(X)* (AA)(BB)(CCC)(D)(E)(F)(G)(H)(I)



AA and BB = Select Connectors

00	NO CONNECTOR
MF	MPO 12F NON-PINNED*
MP	MPO 12F PINNED*
2F	24F FERRULE NON-PINNED
2P	24F FERRULE PINNED
LS	LC SIMPLEX
LC	LC DUPLEX
SS	SC SIMPLEX
SC	SC DUPLEX



F = Select Jacket Color

4	STANDARD PER FIBER TYPE
B	BLUE
N	ORANGE
G	GREEN
W	BROWN
S	SLATE
H	WHITE
R	RED
K	BLACK
Y	YELLOW
V	VIOLET
P	ROSE
A	AQUA



CCC = Select Fiber Count

008 -144



D = Select Fiber Type

Y	OS2	E	OM2
L	OS2 7.5MM BEND	G	OM3
Z	OS2 5MM BEND	M	OM4
F	OM1	P	OM5



E = Select Polarity

A
B
C



G = Select Cable and Rating

P	INDOOR OFNP
R	INDOOR OFNR
Z	INDOOR LSZH



H = Select Length

001-999



I = Select Unit of Measure

F	FEET
M	METER
N	INCHES

MPO Harnesses

(X)* (AA)(BB)(CCC)(D)(E)(F)(G)(H)(I)



AA and BB = Select Connectors

00	NO CONNECTOR
MF	MTP 12F NON-PINNED*
MP	MTP 12F PINNED*
4F	4F FERRULE NON-PINNED
4P	4F FERRULE PINNED
LS	LC SIMPLEX
LC	LC DUPLEX
SS	SC SIMPLEX
SC	SC DUPLEX
8F	MTP 8F NON-PINNED
8P	MTP 8F PINNED
RP	REVERSE POLARITY LC UNIBOOT



F = Select Jacket Color

4	STANDARD PER FIBER TYPE
B	BLUE
N	ORANGE
G	GREEN
W	BROWN
S	SLATE
H	WHITE
R	RED
K	BLACK
Y	YELLOW
V	VIOLET
P	ROSE
A	AQUA



CCC = Select Fiber Count

008 -144



D = Select Fiber Type

Y	OS2	E	OM2
L	OS2 7.5MM BEND	G	OM3
Z	OS2 5MM BEND	M	OM4
F	OM1	P	OM5



E = Select Polarity

A
B
C



G = Select Cable and Rating

P	INDOOR OFNP
R	INDOOR OFNR
Z	INDOOR LSZH



H = Select Length

001-999



I = Select Unit of Measure

F	FEET
M	METER
N	INCHES



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<https://www.go2mhz.com/product/fiber-optic-pre-terminated-mpo-cables/>