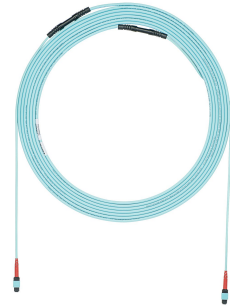


QuickNet™ 24F MPO Trunk Cable Assemblies

technical information

QuickNet™ 24 Fiber MPO Pre-Terminated Trunk Cable Assemblies allow for rapid deployment of high-density permanent links for aggregation of Ethernet and higher speed Fiber Channel Cabling. These cables facilitate direct attach or structured cabling capability for 100GBASE-SR10 applications and CXP or MXP optics requiring 24 fiber MPO interconnection at the transceiver media device interface.



application

24F MPO trunk assemblies support direct connection and structured cabling of 100GBASE-SR10 links and aggregation of multiple lower-count fiber cables onto a single 24F MPO cable.

construction

Cable type:	Indoor Trunk
Cable jacket ratings:	Low Smoke Zero Halogen (LSZH IEC 60332-1, 60332-3C, 60754-1, 61034-2) Optical Fiber Non Conductive Plenum (OFNP)
Fiber types:	Multimode: OM3, OM4 Singlemode: OS1/OS2
Connector types end 'A':	24F MPO female 24F MPO male
Connector color end 'A':	Multimode PC: Black and Aqua, with red boot Singlemode APC: Black and Yellow, with red boot
Fiber Count:	24
Polarity:	Method A and Method B
Jacket color:	OM3/OM4 Aqua OS1/OS2 Yellow

optical properties

Maximum cable attenuation:	Singlemode: 1.0dB/km at 1310/1550nm Multimode: 3.0dB/km at 850nm 1.5dB/km at 1300nm
Maximum connector insertion loss:	Singlemode: 0.75dB Multimode: 0.35dB
Minimum connector return loss:	Singlemode: 55dB Multimode: 26dB

physical properties

Cable outside diameter (OD):	5.4mm
Minimum bend radius:	Under load: 20 X Cable OD Static: 10 x Cable OD
Cable tensile strength:	660N
Cable compressive load:	10 N/mm
Cable flex:	25 cycles
Connector cable retention:	50N
Connector durability:	500 mating cycles
Pulling eye diameter:	23mm
Cable twist:	10 cycles
Breakout length:	1m

environmental properties

Operating temperature:	0 °C to +70 °C (32°F to +158°F)
Storage and shipping temperature:	-40 °C to +70 °C (-40°F to +158°F)
Installation temperature:	0 °C to +60 °C (32°F to +140°F)

standards

Meets or exceeds ISO/IEC 11801, TIA/EIA-568-C.3, TIA-604-5 (FOCIS-5), TIC/EIA-568-C.1, RoHS Compliant

QuickNet™ 24F MPO Trunk Cable Assemblies

part number

Example: FXUYPE5E5XAF050 = OM3, 24-fiber, indoor trunk cable, OFNP, 24F MPO female, HD Flex™ Transition with 1m breakout, 24F MPO female, HD Flex™ Transition with 1m breakout, Multimode, Method A, Optimized IL, pulling eye on end A, 50 feet

CHARACTER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
EXAMPLE	F	X	U	Y	P	E	5	E	5	X	A	F	0	5	0

1 – Fiber Product

F = Fiber

2 – Fiber Type

9 = OS1/OS2 9/125µm

X = OM3 10Gig™ 50/125µm

Z = OM4 10Gig™ 50/125µm

3 – Fiber Count

U = 24-fiber

4 – Cable Type

Y = Indoor small diameter trunk cable

5 – Jacket Type

L = Low Smoke Zero Halogen (LSZH)

P = Optical Fiber Non Conductive

Plenum (OFNP)

6 – Connector Type (end A)

E = 24F MPO female

F = 24F MPO male

7 – Connector Variant

5 = HD Flex™ Transition with 1m breakout

8 – Connector Type (end B)

E = 24F MPO female

F = 24F MPO male

9 – Connector Variant

5 = HD Flex™ Transition with 1m breakout

10 – Construction/Performance

A = Singlemode, Method A, Standard IL

X = Multimode, Method A, Optimized IL

Y = Multimode, Method B, Optimized IL

11 – Other

A = Pulling eye end A

N = No pulling eye

12 – Unit of Length

M = Meters (LSZH)

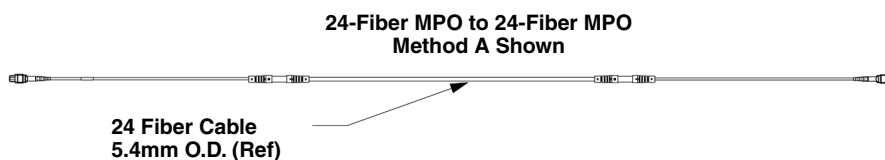
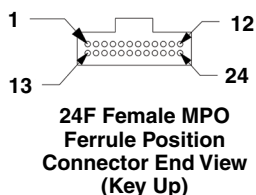
F = Feet (Plenum)

13, 14, 15 – Cable Assembly Length

3 - 100 Meters (LSZH)

15 - 300 Feet (Plenum)

QuickNet™ 24F MPO Trunk Cable Assemblies



WORLDWIDE SUBSIDIARIES AND SALES OFFICES

PANDUIT CANADA
Markham, Ontario
cs-cdn@panduit.com
Phone: 800.777.3300

PANDUIT EUROPE LTD.
London, UK
cs-emea@panduit.com
Phone: 44.20.8601.7200

PANDUIT SINGAPORE PTE. LTD.
Republic of Singapore
cs-ap@panduit.com
Phone: 65.6305.7575

PANDUIT JAPAN
Tokyo, Japan
cs-japan@panduit.com
Phone: 81.3.6863.6000

PANDUIT LATIN AMERICA
Guadalajara, Mexico
cs-la@panduit.com
Phone: 52.33.3777.6000

PANDUIT AUSTRALIA PTY. LTD.
Victoria, Australia
cs-aus@panduit.com
Phone: 61.3.9794.9020

For a copy of Panduit product warranties, log on to www.panduit.com/warranty

For more information

Visit us at www.panduit.com

Contact Customer Service by email: cs@panduit.com
or by phone: 800.777.3300

PANDUIT®

©2016 Panduit Corp.
ALL RIGHTS RESERVED.
FBSP128--WW-ENG
11/2016