



PRODUCT INFORMATION OMNIA[®] MTP[®] Trunks

OMNIA[®] MTP[®] trunk cables are manufactured using low loss connectors, and premium UL listed traceable optical cable. Trunks ship standard with a pre-installed breakout kit, which can be directly mounted into OMNIA[®] hardware reducing installation time. The kit simply slides and locks into place using a compliant mechanism, and is easily installed or removed without the use of a tool. Trunks are fully compatible with competitor products, and the breakout kit provides technicians a robust option to tightly zip tie into place, without damaging fibers confined inside the cable.

Features

- **Highly Customizable** to user preference.
- Custom color jackets and furcation legs.
- OMNIA[®] trunks feature **Direct Mount Breakout kit**.
- Push-pull, color-coded non-keyed, and keyed connector options.
- **Any Polarity** for backward compatible with all manufacturer products and existing networks.

Connector Performance Specifications

CONNECTOR TYPE	TYPICAL IL PERFORMANCE	MAX IL PERFORMANCE	RETURN LOSS
Single-mode MTP [®]	0.25 dB	0.75 dB	≥-60 dB
Single-mode MTP [®] (Low Loss)	0.10 dB	0.15 dB	≥-20 dB
Multimode MTP [®]	0.20 dB	0.55 dB	≥-20 dB
Multimode MTP [®] (Low Loss)	0.10 dB	0.15 dB	≥-20 dB

Connector Compliances

- MPO (including MTP[®]), TIA/EIA-604-5

COMPONENTS RATED UL94 V-0

MPO COMPLIANCES

- Meets IEC Standard 61754-7
- Structured cabling per TIA-568-C
- Parallel Optics
- Optical Internetworking Forum (OIF) Compliant
- Infiniband Compliant
- 10G Fiber Channel Compliant
- 40G and 100G IEEE 802.3
- SNAP 12
- POP 4
- QSFP
- CXP



To order or for more info, please contact our sales team:

Call: +1 (941) 244-0935
Email: info@dmsimfg.com





PRODUCT INFORMATION OMNIA® MTP® Trunks

Product Specifications

Product Type	OMNIA® MTP® Trunks
Fiber Category	Single-mode OS2 / 62.5µm Multimode OM1 / 50µm Multimode OM3 / OM4 / OM5
Fiber Count	4F - 288F
Connector Type	MTP® Non-pinned / MTP®/APC Low Loss Non-pinned / MTP® Pinned / MTP®/APC Low Loss Pinned
Connector Color	Blue / Orange / Green / Brown / Slate / White / Red / Black / Yellow / Violet / Rose / Aqua / Lime Green
Polarity Type	Type A / Type B / Type C

Standard and Compliances

Single-mode OS2

The standard single-mode offering is a 10mm OS2 bend insensitive fiber. Bend performances of 7.5mm and 5.0mm are also available.

COMPLIANCES

- ICEA S-83-596 UL1666
- TIA492-CAAB
- TIA-568-C.3
- TIA-568-D

NUMERICAL APERTURE

- .14 (characterized)

AVAILABLE FIBER TYPES

- Corning® SMF-28® Ultra optical fiber compliant to G.657.A1, 10mm BR
- Corning® ClearCurve® LBL optical fiber compliant to G.657.A2/B2, 7.5mm BR
- Corning® ClearCurve® ZBL optical fiber compliant to G.657.B3, 5mm BR

Multimode 62.5µm OM1

COMPLIANCES

- ICEA S-83-596 UL1666
- TIA492-AAAA-A
- TIA-568-C.3
- TIA-568-D
- ISO/IEC 11801 Type OM1
- IEC 60793-10 UL1666

NUMERICAL APERTURE

- .275 ± 0.015

AVAILABLE FIBER TYPES

- 62.5µm OM1 (standard offering for OMNIA® and IllumiCore®)

Multimode 50µm OM3 / OM4 / OM5

COMPLIANCES

- ICEA S-83-596 UL1666
- TIA-568-C.3
- TIA-568-D
- IEC 60793-10 UL1666

NUMERICAL APERTURE

- .20 ± 0.015

AVAILABLE FIBER TYPES (7.5mm Bend Radius)

- Corning® ClearCurve® OM3 optical fiber compliant to TIA492-AAAC-B, A1a.2 to IEC60793-2-10
- Corning® ClearCurve® OM4 optical fiber compliant to TIA492-AAAD, A1a.3 to IEC60793-2-10
- Corning® ClearCurve® OM5 optical fiber compliant to TIA492-AAAE, A1-OM5 to IEC60793-2-10

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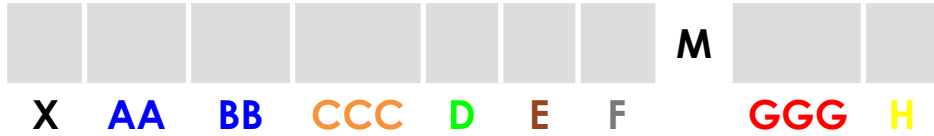
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Part Number Configurator



X	Select Option for Pull Eye
P	one end
B	both ends
	leave it blank if not needed
AA & BB	Select Connectors
00	No Connector
40	MTP [®] Pro 12F Non-Pinned
41	MTP [®] Pro 12F Pinned
45	MTP [®] 12F Non-Pinned
46	MTP [®] 12F Pinned
48	MTP [®] 8F Non-Pinned
49	MTP [®] 8F Pinned
50	MTP [®] 16F Non-Pinned
51	MTP [®] 16F Pinned
E4	MTP [®] /APC Low Loss Non-Pinned
E6	MTP [®] /APC Low Loss Pinned
E8	MTP [®] Pro 8F Non-Pinned
E9	MTP [®] Pro 8F Pinned
H4	MTP [®] 24F Non-Pinned
M4	MTP [®] 24F Pinned
H8	MTP [®] 48F Non-Pinned
M8	MTP [®] 48F Pinned
H2	MTP [®] 72F Non-Pinned
M2	MTP [®] 72F Pinned

CCC	Select Fiber Count
004 - 288	
D	Select Fiber Type
Y	Single-mode OS2 10mm bend (standard)
L	Single-mode OS2 7.5mm bend
Z	Single-mode OS2 5.0mm bend
F	OM1
E	OM2
G	OM3
M	OM4
W	OM5 (WBMMF)
E	Select Polarity
A	Type A
B	Type B
C	Type C

F	Select Jacket Color
B	Blue
N	Orange
G	Green
W	Brown
T	Slate
H	White
R	Red
K	Black
Y	Yellow
V	Violet
S	Rose
A	Aqua
L	Lime Green
M	Standard for OMNIA [®] Trunk (Indoor, non-armored, OFNP, 34 inch legs)
GGG	Select Length
001 - 999	
H	Select Unit of Measure
F	Feet
M	Meter

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