

Multi-Fiber Trunk Cables

DMSI offers the broadest selection of pre-terminated trunk cables in the industry, featured under two product brands: IllumiCore® and OMNIA®. IllumiCore® cables exclusively feature Corning® optical fiber, are made in the USA and are UL listed. OMNIA® trunks feature all of the high-quality components and performance of IllumiCore®, with a unique cable breakout kit for direct integration into OMNIA® enclosures, eliminating the need for cable ties or a tool.

All cable assemblies are manufactured using component materials that meet the EU RoHS and REACH directive standards. Cables are available in TIA standard or special order colors.



FEATURES

- Highly customizable to user preference
- Custom color jackets, connectors, and furcation legs
- Reduced installation time using OMNIA® trunks with direct mount breakout kit

SPECIFICATIONS

Product Type	Secure Solutions Multi-Fiber Trunk Cables
Fiber Category	Single-mode OS2 / 62.5µm Multimode OM1 / 50µm Multimode OM3 / OM4 / OM5
Fiber Count	4F - 576F
Connector Type	LC Duplex, Standard Dust Caps
Connectivity Color	Blue / Orange / Green / Brown / Slate / White / Red / Black / Yellow / Violet / Rose / Aqua

Multi-Fiber Trunk Cables

STANDARD COMPLIANCES

CONNECTOR COMPLIANCES

- TIA/EIA-604-10, LC Connectors

CONNECTOR PERFORMANCE SPECIFICATIONS

CONNECTOR TYPE	TYPICAL IL PERFORMANCE	MAX IL PERFORMANCE
Single-mode LC	0.13 dB	0.20 dB
Multimode LC	0.17 dB	0.20 dB

PART NUMBER CONFIGURATOR

(XXX) Replace (XXX) with Fiber Count
004 - 576

(ZZZ) Replace (ZZZ) with Trunk Length in Meters
001 - 999

UL Listed OFNP (Plenum)		
Color	Single-mode OS2	62.5µm OM1
Blue	PB3B3(XXX)YTB2(ZZZ)M	PB3B3(XXX)FTB2(ZZZ)M
Orange	PN3N33(XXX)YTN2(ZZZ)M	PN3N33(XXX)FTN2(ZZZ)M
Green	PG3G3(XXX)YTG2(ZZZ)M	PG3G3(XXX)FTG2(ZZZ)M
Brown	PW3W3(XXX)YTW2(ZZZ)M	PW3W3(XXX)FTW2(ZZZ)M
Slate	PT3T3(XXX)YTT2(ZZZ)M	PT3T3(XXX)FTT2(ZZZ)M
White	PH3H3(XXX)YTH2(ZZZ)M	PH3H3(XXX)FTH2(ZZZ)M
Yellow	PR3R3(XXX)YTY2(ZZZ)M	PR3R3(XXX)FTY2(ZZZ)M
Red	PK3K3(XXX)YTR2(ZZZ)M	PK3K3(XXX)FTR2(ZZZ)M
Black	PY3Y3(XXX)YTK2(ZZZ)M	PY3Y3(XXX)FTK2(ZZZ)M
Violet	PV3V3(XXX)YTV2(ZZZ)M	PV3V3(XXX)FTV2(ZZZ)M
Rose	PS3S33(XXX)YTS2(ZZZ)M	PS3S33(XXX)FTS2(ZZZ)M
Aqua	PA3A3(XXX)YTA2(ZZZ)M	PA3A3(XXX)FTA2(ZZZ)M

Part number includes pull eye on the outer end



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PART NUMBER CONFIGURATOR

(XXX) Replace (XXX) with Fiber Count
004 - 576

(ZZZ) Replace (ZZZ) with Trunk Length in Meters
001 - 999

UL Listed OFNP (Plenum)			
Color	50µm OM3	50µm OM4	50µm OM5
Blue	PB3B3(XXX)GTB2(ZZZ)M	PB3B3(XXX)MTB2(ZZZ)M	PB3B3(XXX)WTB2(ZZZ)M
Orange	PN3N33(XXX)GTN2(ZZZ)M	PN3N33(XXX)MTN2(ZZZ)M	PN3N33(XXX)WTN2(ZZZ)M
Green	PG3G3(XXX)GTG2(ZZZ)M	PG3G3(XXX)MTG2(ZZZ)M	PG3G3(XXX)WTG2(ZZZ)M
Brown	PW3W3(XXX)GTW2(ZZZ)M	PW3W3(XXX)MTW2(ZZZ)M	PW3W3(XXX)WTW2(ZZZ)M
Slate	PT3T3(XXX)GTT2(ZZZ)M	PT3T3(XXX)MTT2(ZZZ)M	PT3T3(XXX)WTT2(ZZZ)M
White	PH3H3(XXX)GTH2(ZZZ)M	PH3H3(XXX)MTH2(ZZZ)M	PH3H3(XXX)WTH2(ZZZ)M
Yellow	PR3R3(XXX)GTY2(ZZZ)M	PR3R3(XXX)MTY2(ZZZ)M	PR3R3(XXX)WTY2(ZZZ)M
Red	PK3K3(XXX)GTR2(ZZZ)M	PK3K3(XXX)MTR2(ZZZ)M	PK3K3(XXX)WTR2(ZZZ)M
Black	PK3K3(XXX)GTK2(ZZZ)M	PK3K3(XXX)MTK2(ZZZ)M	PK3K3(XXX)WTK2(ZZZ)M
Violet	PV3V3(XXX)GTV2(ZZZ)M	PV3V3(XXX)MTV2(ZZZ)M	PV3V3(XXX)WTV2(ZZZ)M
Rose	PS3S33(XXX)GTS2(ZZZ)M	PS3S33(XXX)MTS2(ZZZ)M	PS3S33(XXX)WTS2(ZZZ)M
Aqua	PA3A3(XXX)GTA2(ZZZ)M	PA3A3(XXX)MTA2(ZZZ)M	PA3A3(XXX)WTA2(ZZZ)M

Part number includes pull eye on the outer end