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PANDUIT®

PHYSICAL INFRASTRUCTURE SYSTEMS

Opti-Core® Fiber Optic Distribution Cable

- Used in intrabuilding backbone, building backbone, and horizontal installations for riser (OFNR), plenum (OFNP), and general-purpose environments
- Available in 6, 12, and 24-fiber counts in a "single jacket" design, and in 36, 48, 72, 96 and 144-fiber counts in a "subunit" design
- Multimode (OM4, OM3, OM2, and OM1) and singlemode (OS1/OS2) fiber available
- Sheath markings provide positive identification, quality traceability, and length verification

- Cable design and flexible buffer tubes allow for quick breakout and ease of routing
- 900µm standards-based color-coded buffer coating protects fibers during handling and allows for easy identification and stripping
- Opti-Core® 10Gig™ Fiber Optic Cable is designed to support network transmission speeds up to 10 Gb/s for link lengths up to 300 meters for OM3 and up to 550 meters for OM4 with an 850nm source per IEEE 802.3ae 10 GbE standard; backward compatible for use with all 50/125µm system requirements

FODRZ06Y

FSDR606Y

FSDR948Y

Part Number	Part Description	Fiber Count*	Color
Opti-Core® Riser Distribution Cable (OFNR) – Multimode			
FODRZ06Y	6-fiber 10Gig™ 50/125µm (OM4) multimode riser rated distribution cable.	6	Aqua
FODRZ12Y	12-fiber 10Gig™ 50/125µm (OM4) multimode riser rated distribution cable.	12	Aqua
FODRZ24Y	24-fiber 10Gig™ 50/125µm (OM4) multimode riser rated distribution cable.	24	Aqua
FODRZ36Y	36-fiber 10Gig™ 50/125µm (OM4) multimode riser rated distribution cable; six subunits of six fibers each.	36	Aqua
FODRX06Y	6-fiber 10Gig™ 50/125µm (OM3) multimode riser rated distribution cable.	6	Aqua
FODRX12Y	12-fiber 10Gig™ 50/125µm (OM3) multimode riser rated distribution cable.	12	Aqua
FODRX24Y	24-fiber 10Gig™ 50/125µm (OM3) multimode riser rated distribution cable.	24	Aqua
FODRX36Y	36-fiber 10Gig™ 50/125µm (OM3) multimode riser rated distribution cable; six subunits of six fibers each.	36	Aqua
FSDR506Y	6-fiber 50/125µm (OM2) multimode riser rated distribution cable.	6	Orange
FSDR512Y	12-fiber 50/125µm (OM2) multimode riser rated distribution cable.	12	Orange
FSDR524Y	24-fiber 50/125µm (OM2) multimode riser rated distribution cable.	24	Orange
FSDR536Y	36-fiber 50/125µm (OM2) multimode riser rated distribution cable; six subunits of six fibers each.	36	Orange
FSDR606Y	6-fiber 62.5/125µm (OM1) multimode riser rated distribution cable.	6	Orange
FSDR612Y	12-fiber 62.5/125µm (OM1) multimode riser rated distribution cable.	12	Orange
FSDR624Y	24-fiber 62.5/125µm (OM1) multimode riser rated distribution cable.	24	Orange
FSDR636Y	36-fiber 62.5/125µm (OM1) multimode riser rated distribution cable; six subunits of six fibers each.	36	Orange
Opti-Core® Riser Distribution Cable (OFNR) – Singlemode			
FSDR906Y	6-fiber 9/125µm (OS1/OS2) singlemode riser rated distribution cable.	6	Yellow
FSDR912Y	12-fiber 9/125µm (OS1/OS2) singlemode riser rated distribution cable.	12	Yellow
FSDR924Y	24-fiber 9/125µm (OS1/OS2) singlemode riser rated distribution cable.	24	Yellow
FSDR936Y	36-fiber 9/125µm (OS1/OS2) singlemode riser rated distribution cable; six subunits of six fibers each.	36	Yellow

*For fiber counts greater than 36-fibers, replace 36 in part number with desired fiber count: 48, 72, 96, or 1A (for 144-fibers).

Contact Customer Service for minimum order quantities, availability, and additional product configurations. Options include fiber counts, jacket colors, hybrid constructions (multiple fiber types within a single cable), flame ratings, subunit counts, armoring, premium optical performance grades and ribbonized constructions.

PANDUIT®

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Opti-Core® Fiber Optic Distribution Cable (continued)

FODPX12Y

FSDP606Y

FSDP948Y

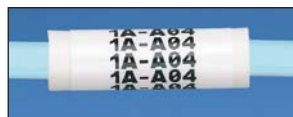| Part Number	Part Description	Fiber Count*	Color
Opti-Core® Plenum Distribution Cable (OFNP) – Multimode			
FODPZ06Y	6-fiber 10Gig™ 50/125µm (OM4) multimode plenum rated distribution cable.	6	Aqua
FODPZ12Y	12-fiber 10Gig™ 50/125µm (OM4) multimode plenum rated distribution cable.	12	Aqua
FODPZ24Y	24-fiber 10Gig™ 50/125µm (OM4) multimode plenum rated distribution cable.	24	Aqua
FODPZ36Y	36-fiber 10Gig™ 50/125µm (OM4) multimode plenum rated distribution cable; six subunits of six fibers each.	36	Aqua
FODPX06Y	6-fiber 10Gig™ 50/125µm (OM3) multimode plenum rated distribution cable.	6	Aqua
FODPX12Y	12-fiber 10Gig™ 50/125µm (OM3) multimode plenum rated distribution cable.	12	Aqua
FODPX24Y	24-fiber 10Gig™ 50/125µm (OM3) multimode plenum rated distribution cable.	24	Aqua
FODPX36Y	36-fiber 10Gig™ 50/125µm (OM3) multimode plenum rated distribution cable; six subunits of six fibers each.	36	Aqua
FSDP506Y	6-fiber 50/125µm (OM2) multimode plenum rated distribution cable.	6	Orange
FSDP512Y	12-fiber 50/125µm (OM2) multimode plenum rated distribution cable.	12	Orange
FSDP524Y	24-fiber 50/125µm (OM2) multimode plenum rated distribution cable.	24	Orange
FSDP536Y	36-fiber 50/125µm (OM2) multimode plenum rated distribution cable; six subunits of six fibers each.	36	Orange
FSDP606Y	6-fiber 62.5/125µm (OM1) multimode plenum rated distribution cable.	6	Orange
FSDP612Y	12-fiber 62.5/125µm (OM1) multimode plenum rated distribution cable.	12	Orange
FSDP624Y	24-fiber 62.5/125µm (OM1) multimode plenum rated distribution cable.	24	Orange
FSDP636Y	36-fiber 62.5/125µm (OM1) multimode plenum rated distribution cable; six subunits of six fibers each.	36	Orange
Opti-Core® Plenum Distribution Cable (OFNP) – Singlemode			
FSDP906Y	6-fiber 9/125µm (OS1/OS2) singlemode plenum rated distribution cable.	6	Yellow
FSDP912Y	12-fiber 9/125µm (OS1/OS2) singlemode plenum rated distribution cable.	12	Yellow
FSDP924Y	24-fiber 9/125µm (OS1/OS2) singlemode plenum rated distribution cable.	24	Yellow
FSDP936Y	36-fiber 9/125µm (OS1/OS2) singlemode plenum rated distribution cable; six subunits of six fibers each.	36	Yellow

*For fiber counts greater than 36-fibers, replace 36 in part number with desired fiber count: 48, 72, 96, or 1A (for 144-fibers).
Contact Customer Service for minimum order quantities, availability, and additional product configurations. Options include fiber counts, jacket colors, hybrid constructions (multiple fiber types within a single cable), flame ratings, subunit counts, armoring, premium optical performance grades and ribbonized constructions.

Labels for Opti-Core® Fiber Optic Distribution Cable

Suggested Label Solutions for TIA/EIA-606-A Compliance				
Fiber Count	Laser/Ink Jet Desktop Printer Label	TDP43ME Thermal Transfer Desktop Printer Label	PanTher™ LS8E Hand-Held Printer Label	Cougar™ LS9 Hand-Held Printer Label
6 12	S100X150YAJ	S100X150VATY	S100X150VAC	T100X000CBC-BK
24	S100X225YAJ	S100X225VATY	S100X225VAC	T100X000CBC-BK
36 48	S100X650YAJ	S100X650VATY	S100X650VAC	T100X000CBC-BK

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CUFB48BL CVED32VE CVED32VEPG CVED40VEN CVED40VEPG CWF400 CWMPV2340 CWMPV2440 CWMPV3340
CWMPV3440 MBEH-TLR MBH-MR MBH-MR316 MBH-TLR316 MBSH-TR MBS-MR MBS-MR316 MBS-TLR316 F512B10-NM1
F512B10-NM2 F512D5-5F140Y F512D5-5F15Y F512D5-5F200Y F512D5-5F26Y F512D5-5F30Y F512D5-5F33Y F512D5-5F34Y
F512D5-5F45Y F512D5-5F50Y F512D5-5F54Y