



### 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

<b>FODRZ06Y</b>	6-fiber 10Gig™ 50/125µm (OM4) multimode riser rated distribution cable.	6	Aqua
<b>FODRZ12Y</b>	12-fiber 10Gig™ 50/125µm (OM4) multimode riser rated distribution cable.	12	Aqua
<b>FODRZ24Y</b>	24-fiber 10Gig™ 50/125µm (OM4) multimode riser rated distribution cable.	24	Aqua
<b>FODRZ36Y</b>	36-fiber 10Gig™ 50/125µm (OM4) multimode riser rated distribution cable; six subunits of six fibers each.	36	Aqua
<b>FODRX06Y</b>	6-fiber 10Gig™ 50/125µm (OM3) multimode riser rated distribution cable.	6	Aqua
<b>FODRX12Y</b>	12-fiber 10Gig™ 50/125µm (OM3) multimode riser rated distribution cable.	12	Aqua
<b>FODRX24Y</b>	24-fiber 10Gig™ 50/125µm (OM3) multimode riser rated distribution cable.	24	Aqua
<b>FODRX36Y</b>	36-fiber 10Gig™ 50/125µm (OM3) multimode riser rated distribution cable; six subunits of six fibers each.	36	Aqua
<b>FSDR506Y</b>	6-fiber 50/125µm (OM2) multimode riser rated distribution cable.	6	Orange
<b>FSDR512Y</b>	12-fiber 50/125µm (OM2) multimode riser rated distribution cable.	12	Orange
<b>FSDR524Y</b>	24-fiber 50/125µm (OM2) multimode riser rated distribution cable.	24	Orange
<b>FSDR536Y</b>	36-fiber 50/125µm (OM2) multimode riser rated distribution cable; six subunits of six fibers each.	36	Orange
<b>FSDR606Y</b>	6-fiber 62.5/125µm (OM1) multimode riser rated distribution cable.	6	Orange
<b>FSDR612Y</b>	12-fiber 62.5/125µm (OM1) multimode riser rated distribution cable.	12	Orange
<b>FSDR624Y</b>	24-fiber 62.5/125µm (OM1) multimode riser rated distribution cable.	24	Orange
<b>FSDR636Y</b>	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

<b>FSDR906Y</b>	6-fiber 9/125µm (OS1/OS2) singlemode riser rated distribution cable.	6	Yellow
<b>FSDR912Y</b>	12-fiber 9/125µm (OS1/OS2) singlemode riser rated distribution cable.	12	Yellow
<b>FSDR924Y</b>	24-fiber 9/125µm (OS1/OS2) singlemode riser rated distribution cable.	24	Yellow
<b>FSDR936Y</b>	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.



### Opti-Core® Fiber Optic Distribution Cable (continued)



FODPX12Y



FSDP606Y



FSDP948Y

Part Number	Part Description	Fiber Count*	Color
<b>Opti-Core® Plenum Distribution Cable (OFNP) – Multimode</b>			
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

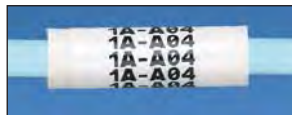
### Opti-Core® Plenum Distribution Cable (OFNP) – Singlemode

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	S100X150YAJ	S100X150VATY	S100X150VAC	T100X000CBC-BK
12	S100X225YAJ	S100X225VATY	S100X225VAC	T100X000CBC-BK
24	S100X225YAJ	S100X225VATY	S100X225VAC	T100X000CBC-BK
36	S100X650YAJ	S100X650VATY	S100X650VAC	T100X000CBC-BK
48	S100X650YAJ	S100X650VATY	S100X650VAC	T100X000CBC-BK

For complete labeling solutions and product information, reference charts on pages O.1 – O.18.