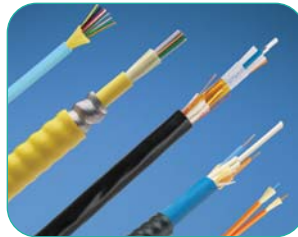


FIBER OPTIC SYSTEMS

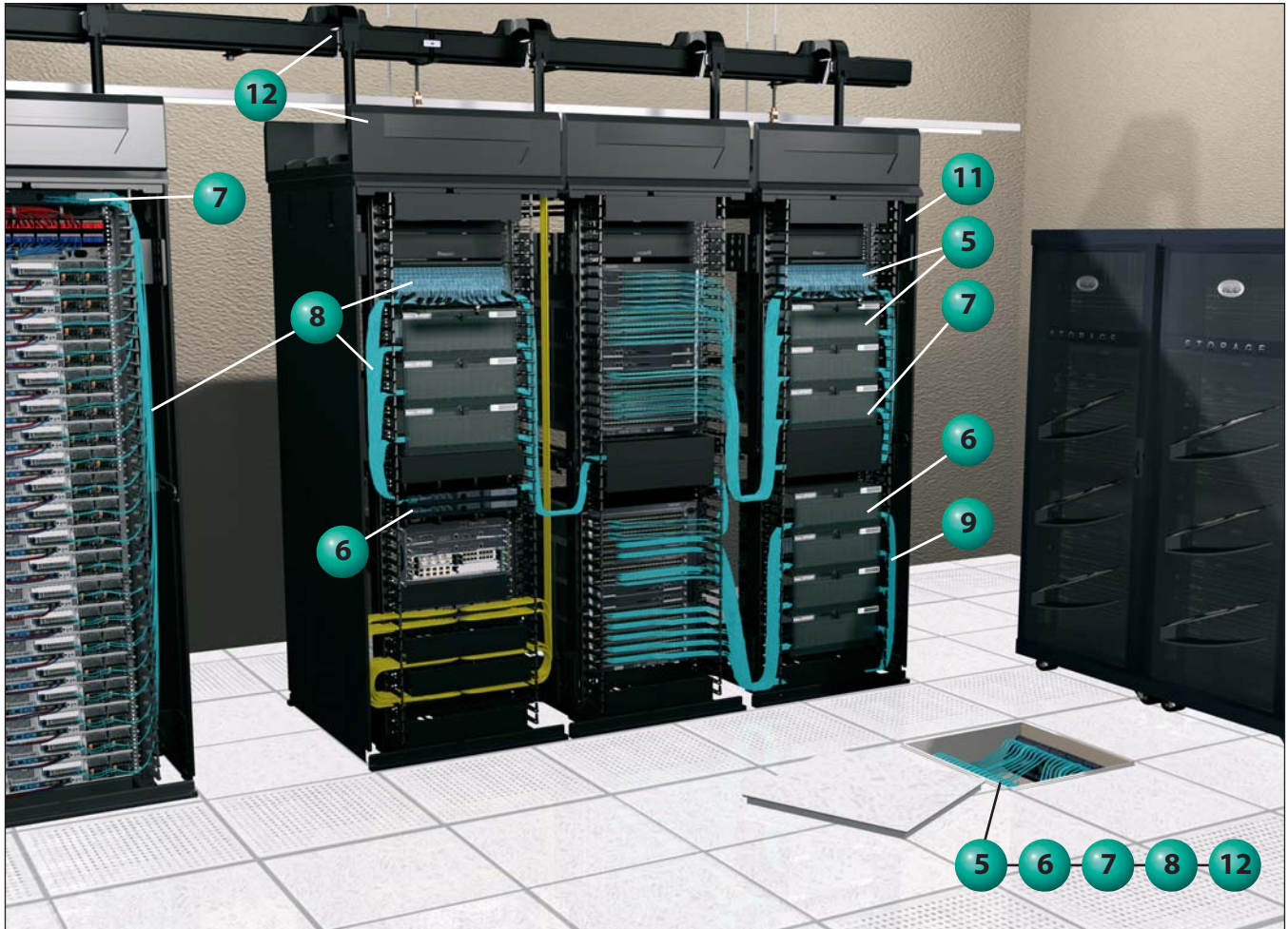
Panduit provides high bandwidth and mission critical physical infrastructures in data center, enterprise, and campus networks with comprehensive fiber optic systems that deliver high performance, reliability and scalability. By leveraging its technology leadership, innovative design and cable management expertise, Panduit fiber optic systems meet today's requirements and provide a migration path for tomorrow's applications. These systems accommodate multiple termination options, including pre-terminated, field-terminated, and field-spliced methods, to meet your specific cabling infrastructure requirements. Panduit fiber optic systems offer the industry's highest patch field density combined with superior fiber cable management to provide unmatched network design and layout flexibility.



- New Keyed LC System provides the strictest keying integrity available to prevent unauthorized mating and ensure network physical layer security
- Opti-Core® Fiber Optic Cable features the highest quality OM4, OM3, OM2, OM1 and OS1/OS2 fiber to support and extend infrastructure life cycle
- OptiCam® Pre-Polished Connectors and field polish connectors offer connector and termination selections to meet network requirements and installation preferences
- QuickNet™ Cabling System components are terminated, tested, and configured to fit the application, offering quick, plug-in deployment for trouble-free network performance
- Opticom® and QuickNet™ Enclosures enable fast and easy field installation, and organize, manage, and protect fiber connections in compact, high-density applications
- Mini-Com® Adapter Modules and Opticom® Fiber Adapter Panels enable easy MACs to provide system modularity and scalability for easy upgrades and future network growth
- Opti-Core® Patch Cords and QuickNet™ Cable Assemblies are designed to fit the application to minimize waste, optimize cable management, and speed deployment

Panduit fiber optic systems include a full line of innovative, end-to-end, high performance products for all fiber optic applications. These advanced fiber optic systems are comprised of a broad selection of high performance fiber optic cable, connectors, adapter modules, adapter panels, cassettes, enclosures, patch cords, cable assemblies, cable distribution products and accessories for both singlemode and multimode applications. Together, these components provide complete solutions for today's high data rate Fibre Channel and Ethernet applications, and support future readiness for 40 Gb/s and 100 Gb/s data rates, maximizing physical infrastructure performance, modularity, and scalability.


Fiber Optic Systems Roadmaps



Data Center and SAN

1 Opti-Core[®] Fiber Optic Cable (Indoor, Indoor/Outdoor, and Outside Plant) (pages C.4 – C.18)




2 Fiber Optic Connectors (LC, Keyed LC, SC, ST, FJ[®] Jack Modules and Plugs) (pages C.19 – C.27) 




3 Fiber Optic Adapters (LC, SC, and ST) (pages C.28 – C.31)



4 Mini-Com[®] Adapter Modules (MPO, LC, Keyed LC, SC, ST, FC, MT-RJ) (pages C.31 – C.36) 



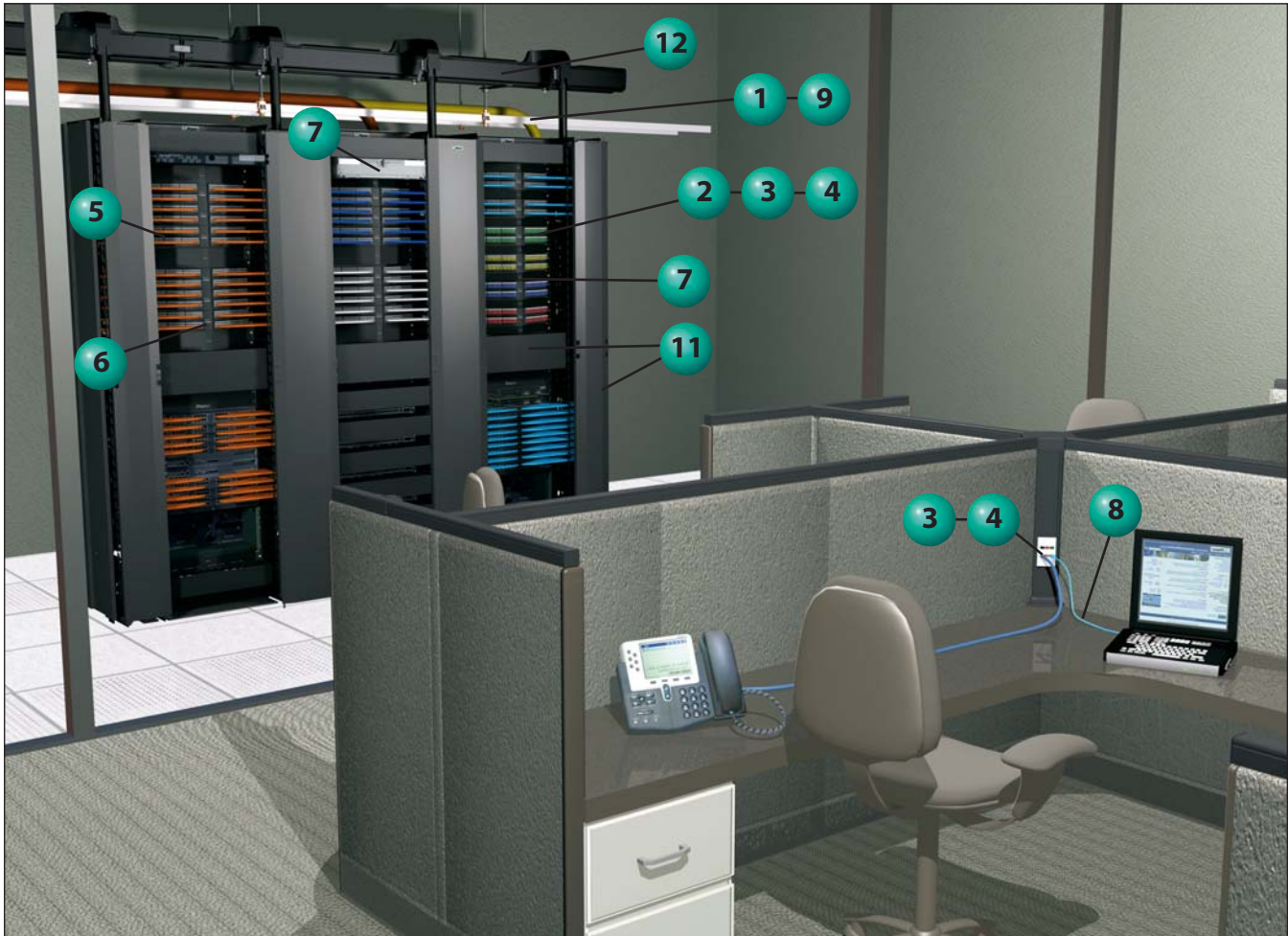
5 Opticom[®] Fiber Adapter Panels (FAPs) (LC, Keyed LC, SC, ST, MT-RJ, FC) (pages C.37 – C.43) 



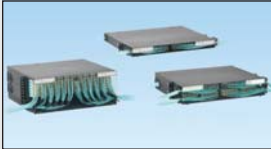




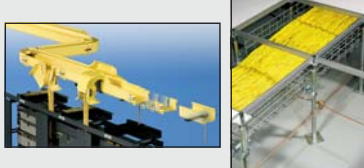
6 QuickNet[™] SFQ Series and QuickNet[™] MTP[®] Cassettes (pages C.43 – C.53) 



*MTP is a registered trademark of US Conec Ltd.



Telecommunications Room and Work Area

<p>7 Opticom® and QuickNet™ Enclosures, Trays, Patch Panels, and Accessories (pages C.54 – C.62)</p> 	<p>10 OptiCam®, Opti-Crimp®, and Field Polish Fiber Optic Termination Kits and Tools (pages C.101 – C.106)</p> 
<p>8 Opti-Core® Fiber Optic Patch Cords, Pigtails, and Reference Cable Assemblies (C.63, C.71 and C.83 – C.89)</p> 	<p>11 Cabinets, Racks, and Cable Management (pages L.1 – L.74)</p> 
<p>9 QuickNet™ Hydra, Interconnect, MTP®, and Traditional Trunk Cable Assemblies (pages C.91 – C.100)</p> 	<p>12 Overhead and Underfloor Routing (pages J.1 – J.80)</p> 

*MTP is a registered trademark of US Conec Ltd.

**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
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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).

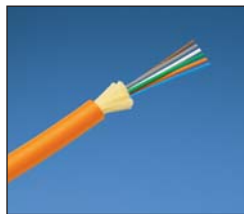
Contact Customer Service for minimum order quantities, availability, and additional product configurations. Options include fiber counts, jacket colors, hybrid constructions (multiple fiber types within a single cable), flame ratings, subunit counts, armoring, premium optical performance grades and ribbonized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



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

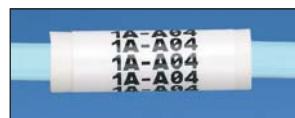
Opti-Core® Plenum Distribution Cable (OFNP) – Singlemode

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

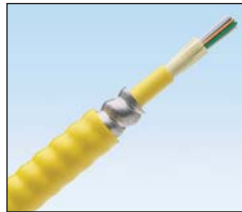


Fiber Count	Suggested Label Solutions for TIA/EIA-606-A Compliance			
	Laser/Ink Jet Desktop Printer Label	TDP43ME Thermal Transfer Desktop Printer Label	PanTher™ LS8E Hand-Held Printer Label	Cougar™ LS9 Hand-Held Printer Label
6	S100X150YAJ	S100X150VATY	S100X150VAC	T100X000CBC-BK
12	S100X225YAJ	S100X225VATY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

**Opti-Core[®] Fiber Optic Indoor Interlocking Armored Cable**

- Used in intrabuilding backbone, building backbone, and horizontal installations for riser (OFCR), plenum (OFCP), and harsh environments
- Interlocking aluminum armor eliminates the need for inner duct or conduit to provide a smaller crush resistant pathway for design flexibility and a lower installed cost
- Available in 6, 12, 24, 36, 48, 72, 96 and 144-fiber counts
- Multimode (OM4, OM3, OM2, and OM1) and singlemode (OS1/OS2) fiber available optimized fiber available
- Sheath markings provide positive identification, quality traceability, and length verification
- 900µm standards-based color-coded buffer coating protects fibers during handling and allows for easy identification and stripping
- Cable design and flexible buffer tubes allow for quick breakout and ease of routing
- 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

**FSPR912Y**

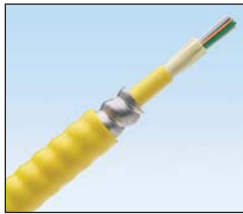
Part Number	Part Description	Fiber Count*	Color
Opti-Core[®] Riser Indoor Interlocking Armored Cable (OFCR) – Multimode			
FOPRZ06Y	6-fiber 10Gig™ 50/125µm (OM4) multimode riser rated indoor interlocking armored cable.	6	Aqua
FOPRZ12Y	12-fiber 10Gig™ 50/125µm (OM4) multimode riser rated indoor interlocking armored cable.	12	Aqua
FOPRZ24Y	24-fiber 10Gig™ 50/125µm (OM4) multimode riser rated indoor interlocking armored cable.	24	Aqua
FOPRZ36Y	36-fiber 10Gig™ 50/125µm (OM4) multimode riser rated indoor interlocking armored cable.	36	Aqua
FOPRX06Y	6-fiber 10Gig™ 50/125µm (OM3) multimode riser rated indoor interlocking armored cable.	6	Aqua
FOPRX12Y	12-fiber 10Gig™ 50/125µm (OM3) multimode riser rated indoor interlocking armored cable.	12	Aqua
FOPRX24Y	24-fiber 10Gig™ 50/125µm (OM3) multimode riser rated indoor interlocking armored cable.	24	Aqua
FOPRX36Y	36-fiber 10Gig™ 50/125µm (OM3) multimode riser rated indoor interlocking armored cable.	36	Aqua
FSPR506Y	6-fiber 50/125µm (OM2) multimode riser rated indoor interlocking armored cable.	6	Orange
FSPR512Y	12-fiber 50/125µm (OM2) multimode riser rated indoor interlocking armored cable.	12	Orange
FSPR524Y	24-fiber 50/125µm (OM2) multimode riser rated indoor interlocking armored cable.	24	Orange
FSPR536Y	36-fiber 50/125µm (OM2) multimode riser rated indoor interlocking armored cable.	36	Orange
FSPR606Y	6-fiber 62.5/125µm (OM1) multimode riser rated indoor interlocking armored cable.	6	Orange
FSPR612Y	12-fiber 62.5/125µm (OM1) multimode riser rated indoor interlocking armored cable.	12	Orange
FSPR624Y	24-fiber 62.5/125µm (OM1) multimode riser rated indoor interlocking armored cable.	24	Orange
FSPR636Y	36-fiber 62.5/125µm (OM1) multimode riser rated indoor interlocking armored cable.	36	Orange
Opti-Core[®] Riser Indoor Interlocking Armored Cable (OFCR) – Singlemode			
FSPR906Y	6-fiber 9/125µm (OS1/OS2) singlemode riser rated indoor interlocking armored cable.	6	Yellow
FSPR912Y	12-fiber 9/125µm (OS1/OS2) singlemode riser rated indoor interlocking armored cable.	12	Yellow
FSPR924Y	24-fiber 9/125µm (OS1/OS2) singlemode riser rated indoor interlocking armored cable.	24	Yellow
FSPR936Y	36-fiber 9/125µm (OS1/OS2) singlemode riser rated indoor interlocking armored cable.	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 Indoor Interlocking Armored Cable (continued)



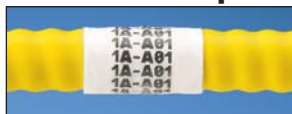
FSP912Y

Part Number	Part Description	Fiber Count*	Color
Opti-Core® Plenum Indoor Interlocking Armored Cable (OFCP) – Multimode			
FOPPZ06Y	6-fiber 10Gig™ 50/125µm (OM4) multimode plenum rated indoor interlocking armored cable.	6	Aqua
FOPPZ12Y	12-fiber 10Gig™ 50/125µm (OM4) multimode plenum rated indoor interlocking armored cable.	12	Aqua
FOPPZ24Y	24-fiber 10Gig™ 50/125µm (OM4) multimode plenum rated indoor interlocking armored cable.	24	Aqua
FOPPZ36Y	36-fiber 10Gig™ 50/125µm (OM4) multimode plenum rated indoor interlocking armored cable.	36	Aqua
FOPPX06Y	6-fiber 10Gig™ 50/125µm (OM3) multimode plenum rated indoor interlocking armored cable.	6	Aqua
FOPPX12Y	12-fiber 10Gig™ 50/125µm (OM3) multimode plenum rated indoor interlocking armored cable.	12	Aqua
FOPPX24Y	24-fiber 10Gig™ 50/125µm (OM3) multimode plenum rated indoor interlocking armored cable.	24	Aqua
FOPPX36Y	36-fiber 10Gig™ 50/125µm (OM3) multimode plenum rated indoor interlocking armored cable.	36	Aqua
FSPP506Y	6-fiber 50/125µm (OM2) multimode plenum rated indoor interlocking armored cable.	6	Orange
FSPP512Y	12-fiber 50/125µm (OM2) multimode plenum rated indoor interlocking armored cable.	12	Orange
FSPP524Y	24-fiber 50/125µm (OM2) multimode plenum rated indoor interlocking armored cable.	24	Orange
FSPP536Y	36-fiber 50/125µm (OM2) multimode plenum rated indoor interlocking armored cable.	36	Orange
FSPP606Y	6-fiber 62.5/125µm (OM1) multimode plenum rated indoor interlocking armored cable.	6	Orange
FSPP612Y	12-fiber 62.5/125µm (OM1) multimode plenum rated indoor interlocking armored cable.	12	Orange
FSPP624Y	24-fiber 62.5/125µm (OM1) multimode plenum rated indoor interlocking armored cable.	24	Orange
FSPP636Y	36-fiber 62.5/125µm (OM1) multimode plenum rated indoor interlocking armored cable.	36	Orange
Opti-Core® Plenum Indoor Interlocking Armored Cable (OFCP) – Singlemode			
FSP906Y	6-fiber 9/125µm (OS1/OS2) singlemode plenum rated indoor interlocking armored cable.	6	Yellow
FSP912Y	12-fiber 9/125µm (OS1/OS2) singlemode plenum rated indoor interlocking armored cable.	12	Yellow
FSP924Y	24-fiber 9/125µm (OS1/OS2) singlemode plenum rated indoor interlocking armored cable.	24	Yellow
FSP936Y	36-fiber 9/125µm (OS1/OS2) singlemode plenum rated indoor interlocking armored cable.	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 Indoor Interlocking Armored 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	S100X225YAJ	S100X225VATY	S100X225VAC	T100X000CBC-BK
12				
24	S100X650YAJ	S100X650VATY	S100X650VAC	T100X000CBC-BK
36				
48				
72				
96				
144				

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



Opti-Core® Gel-Free Fiber Optic Indoor/Outdoor All-Dielectric Cable

- Allows installation using loose tube cable methods within buildings and outdoor environments for transitional aerial and duct applications, and in entrance facilities that require riser (OFNR) or plenum (OFNP) rated cable
- Eliminates the need for building entrance transition point
- All-dielectric cable construction requires no grounding or bonding
- UV resistant cable sheathing meets the light absorption requirement defined by Telcordia GR-20, Issue 2 to withstand harsh outdoor environmental demands
- Dry water-blocking technology allows rapid cable preparation and termination for lower termination costs and time (no messy gel required)
- Available in 6 and 12-fiber counts in “central loose tube” design, and in 24, 36, 48, 72, 96 and 144-fiber counts in a “stranded loose tube” design
- Multimode (OM4, OM3, OM2, and OM1) and singlemode (OS1/OS2) fiber available
- Sheath markings provide positive identification, quality traceability, and length verification
- 250µm buffer coating protects fibers during handling and allows for ease of 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



FSCR606Y



FSCR606Y

Part Number	Part Description	Fiber Count*	Color
Opti-Core® Gel-Free Riser Indoor/Outdoor All-Dielectric Cable (OFNR) – Multimode			
FOCRZ06Y	6-fiber 10Gig™ 50/125µm (OM4) multimode riser rated indoor/outdoor central cable.	6	Black
FOCRZ12Y	12-fiber 10Gig™ 50/125µm (OM4) multimode riser rated indoor/outdoor central cable.	12	Black
FONRZ24Y	24-fiber 10Gig™ 50/125µm (OM4) multimode riser rated indoor/outdoor stranded cable.	24	Black
FONRZ36Y	36-fiber 10Gig™ 50/125µm (OM4) multimode riser rated indoor/outdoor stranded cable.	36	Black
FOCRX06Y	6-fiber 10Gig™ 50/125µm (OM3) multimode riser rated indoor/outdoor central cable.	6	Black
FOCRX12Y	12-fiber 10Gig™ 50/125µm (OM3) multimode riser rated indoor/outdoor central cable.	12	Black
FONRX24Y	24-fiber 10Gig™ 50/125µm (OM3) multimode riser rated indoor/outdoor stranded cable.	24	Black
FONRX36Y	36-fiber 10Gig™ 50/125µm (OM3) multimode riser rated indoor/outdoor stranded cable.	36	Black
FSCR506Y	6-fiber 50/125µm (OM2) multimode riser rated indoor/outdoor central cable.	6	Black
FSCR512Y	12-fiber 50/125µm (OM2) multimode riser rated indoor/outdoor central cable.	12	Black
FSNR524Y	24-fiber 50/125µm (OM2) multimode riser rated indoor/outdoor stranded cable.	24	Black
FSNR536Y	36-fiber 50/125µm (OM2) multimode riser rated indoor/outdoor stranded cable.	36	Black
FSCR606Y	6-fiber 62.5/125µm (OM1) multimode riser rated indoor/outdoor central cable.	6	Black
FSCR612Y	12-fiber 62.5/125µm (OM1) multimode riser rated indoor/outdoor central cable.	12	Black
FSNR624Y	24-fiber 62.5/125µm (OM1) multimode riser rated indoor/outdoor stranded cable.	24	Black
FSNR636Y	36-fiber 62.5/125µm (OM1) multimode riser rated indoor/outdoor stranded cable.	36	Black

Opti-Core® Gel-Free Riser Indoor/Outdoor All-Dielectric Cable (OFNR) – Singlemode

FSCR906Y	6-fiber 9/125µm (OS1/OS2) singlemode riser rated indoor/outdoor central cable.	6	Black
FSCR912Y	12-fiber 9/125µm (OS1/OS2) singlemode riser rated indoor/outdoor central cable.	12	Black
FSNR924Y	24-fiber 9/125µm (OS1/OS2) singlemode riser rated indoor/outdoor stranded cable.	24	Black
FSNR936Y	36-fiber 9/125µm (OS1/OS2) singlemode riser rated indoor/outdoor stranded cable. 6-fiber 10Gig™ 50/125µm (OM3) multimode plenum rated indoor/outdoor central cable.	36	Black

*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® Gel-Free Fiber Optic Indoor/Outdoor All-Dielectric Cable (continued)



FONPX24Y



FSCP606Y

Part Number	Part Description	Fiber Count*	Color
Opti-Core® Gel-Free Plenum Indoor/Outdoor All-Dielectric Cable (OFNP) – Multimode			
F0CPZ06Y	6-fiber 10Gig™ 50/125µm (OM4) multimode plenum rated indoor/outdoor central cable.	6	Aqua
F0CPZ12Y	12-fiber 10Gig™ 50/125µm (OM4) multimode plenum rated indoor/outdoor central cable.	12	Aqua
F0NPZ24Y	24-fiber 10Gig™ 50/125µm (OM4) multimode plenum rated indoor/outdoor stranded cable.	24	Aqua
F0NPZ36Y	36-fiber 10Gig™ 50/125µm (OM4) multimode plenum rated indoor/outdoor stranded cable.	36	Aqua
F0CPX06Y	6-fiber 10Gig™ 50/125µm (OM3) multimode plenum rated indoor/outdoor central cable.	6	Aqua
F0CPX12Y	12-fiber 10Gig™ 50/125µm (OM3) multimode plenum rated indoor/outdoor central cable.	12	Aqua
F0NPX24Y	24-fiber 10Gig™ 50/125µm (OM3) multimode plenum rated indoor/outdoor stranded cable.	24	Aqua
F0NPX36Y	36-fiber 10Gig™ 50/125µm (OM3) multimode plenum rated indoor/outdoor stranded cable.	36	Aqua
F5CP506Y	6-fiber 50/125µm (OM2) multimode plenum rated indoor/outdoor central cable.	6	Orange
F5CP512Y	12-fiber 50/125µm (OM2) multimode plenum rated indoor/outdoor central cable.	12	Orange
F5NP524Y	24-fiber 50/125µm (OM2) multimode plenum rated indoor/outdoor stranded cable.	24	Orange
F5NP536Y	36-fiber 50/125µm (OM2) multimode plenum rated indoor/outdoor stranded cable.	36	Orange
F5CP606Y	6-fiber 62.5/125µm (OM1) multimode plenum rated indoor/outdoor central cable.	6	Orange
F5CP612Y	12-fiber 62.5/125µm (OM1) multimode plenum rated indoor/outdoor central cable.	12	Orange
F5NP624Y	24-fiber 62.5/125µm (OM1) multimode plenum rated indoor/outdoor stranded cable.	24	Orange
F5NP636Y	36-fiber 62.5/125µm (OM1) multimode plenum rated indoor/outdoor stranded cable.	36	Orange
Opti-Core® Gel-Free Plenum Indoor/Outdoor All-Dielectric Cable (OFNP) – Singlemode			
F9CP906Y	6-fiber 9/125µm (OS1/OS2) singlemode plenum rated indoor/outdoor central cable.	6	Yellow
F9CP912Y	12-fiber 9/125µm (OS1/OS2) singlemode plenum rated indoor/outdoor central cable.	12	Yellow
F9NP924Y	24-fiber 9/125µm (OS1/OS2) singlemode plenum rated indoor/outdoor stranded cable.	24	Yellow
F9NP936Y	36-fiber 9/125µm (OS1/OS2) singlemode plenum rated indoor/outdoor stranded cable.	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[®] Gel-Free Fiber Optic Indoor/Outdoor All-Dielectric 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	S100X225YAJ	S100X225VATY	S100X225VAC	T100X000CBC-BK
12				
24				
36				
48				
72				
96				
144				

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



Opti-Core® Gel-Free Fiber Optic Indoor/Outdoor Interlocking Armored Cable

- Allows installation using loose tube cable methods within buildings and outdoor environments for transitional aerial and duct applications, and in entrance facilities that require riser (OFCR) or plenum (OFPC) rated cable
- Eliminates the need for building entrance transition point
- Interlocking aluminum armor eliminates the need for inner duct or conduit to provide a smaller crush resistant pathway for design flexibility and a lower installed cost
- UV resistant cable sheathing meets the light absorption requirement defined by Telcordia GR-20, Issue 2 to withstand harsh outdoor environmental demands
- Dry water-blocking technology allows rapid cable preparation and termination for lower termination costs and time (no messy gel required)
- Available in 6 and 12-fiber counts in “central loose tube” design, and in 24, 36, 48, 72, 96 and 144-fiber counts in a “stranded loose tube” design
- Multimode (OM4, OM3, OM2, and OM1) and singlemode (OS1/OS2) fiber available
- Sheath markings provide positive identification, quality traceability, and length verification
- 250µm buffer coating protects fibers during handling and allows for ease of 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



FSGR606Y



FSGR606Y

Part Number	Part Description	Fiber Count*	Color
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Opti-Core® Gel-Free Riser Indoor/Outdoor Interlocking Armored Cable (OFCR) – Multimode

F0GRZ06Y	6-fiber 10Gig™ 50/125µm (OM4) multimode riser rated indoor/outdoor interlocking armored central cable.	6	Aqua
F0GRZ12Y	12-fiber 10Gig™ 50/125µm (OM4) multimode riser rated indoor/outdoor interlocking armored central cable.	12	Aqua
F0MRZ24Y	24-fiber 10Gig™ 50/125µm (OM4) multimode riser rated indoor/outdoor interlocking armored stranded cable.	24	Aqua
F0MRZ36Y	36-fiber 10Gig™ 50/125µm (OM4) multimode riser rated indoor/outdoor interlocking armored stranded cable.	36	Aqua
F0GRX06Y	6-fiber 10Gig™ 50/125µm (OM3) multimode riser rated indoor/outdoor interlocking armored central cable.	6	Aqua
F0GRX12Y	12-fiber 10Gig™ 50/125µm (OM3) multimode riser rated indoor/outdoor interlocking armored central cable.	12	Aqua
F0MRX24Y	24-fiber 10Gig™ 50/125µm (OM3) multimode riser rated indoor/outdoor interlocking armored stranded cable.	24	Aqua
F0MRX36Y	36-fiber 10Gig™ 50/125µm (OM3) multimode riser rated indoor/outdoor interlocking armored stranded cable.	36	Aqua
F5GR506Y	6-fiber 50/125µm (OM2) multimode riser rated indoor/outdoor interlocking armored central cable.	6	Black
F5GR512Y	12-fiber 50/125µm (OM2) multimode riser rated indoor/outdoor interlocking armored central cable.	12	Black
F5MR524Y	24-fiber 50/125µm (OM2) multimode riser rated indoor/outdoor interlocking armored stranded cable.	24	Black
F5MR536Y	36-fiber 50/125µm (OM2) multimode riser rated indoor/outdoor interlocking armored stranded cable.	36	Black
F6GR606Y	6-fiber 62.5/125µm (OM1) multimode riser rated indoor/outdoor interlocking armored central cable.	6	Black
F6GR612Y	12-fiber 62.5/125µm (OM1) multimode riser rated indoor/outdoor interlocking armored central cable.	12	Black
F6MR624Y	24-fiber 62.5/125µm (OM1) multimode riser rated indoor/outdoor interlocking armored stranded cable.	24	Black
F6MR636Y	36-fiber 62.5/125µm (OM1) multimode riser rated indoor/outdoor interlocking armored stranded cable.	36	Black

Opti-Core® Gel-Free Riser Indoor/Outdoor Interlocking Armored Cable (OFCR) – Singlemode

F9GR906Y	6-fiber 9/125µm (OS1/OS2) singlemode riser rated indoor/outdoor interlocking armored central cable.	6	Black
F9GR912Y	12-fiber 9/125µm (OS1/OS2) singlemode riser rated indoor/outdoor interlocking armored central cable.	12	Black
F9MR924Y	24-fiber 9/125µm (OS1/OS2) singlemode riser rated indoor/outdoor interlocking armored stranded cable.	24	Black
F9MR936Y	36-fiber 9/125µm (OS1/OS2) singlemode riser rated indoor/outdoor interlocking armored stranded cable.	36	Black

*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.

Table continues on page C.12

**Opti-Core[®] Gel-Free Fiber Optic Indoor/Outdoor Interlocking Armored Cable (continued)****FOMPX24Y****FSGP606Y**

Part Number	Part Description	Fiber Count*	Color
Opti-Core[®] Gel-Free Plenum Indoor/Outdoor Interlocking Armored Cable (OFCP) – Multimode			
FOGPZ06Y	6-fiber 10Gig [™] 50/125µm (OM4) multimode plenum rated indoor/outdoor interlocking armored central cable.	6	Aqua
FOGPZ12Y	12-fiber 10Gig [™] 50/125µm (OM4) multimode plenum rated indoor/outdoor interlocking armored central cable.	12	Aqua
FOMPZ24Y	24-fiber 10Gig [™] 50/125µm (OM4) multimode plenum rated indoor/outdoor interlocking armored stranded cable.	24	Aqua
FOMPZ36Y	36-fiber 10Gig [™] 50/125µm (OM4) multimode plenum rated indoor/outdoor interlocking armored stranded cable.	36	Aqua
FOGPX06Y	6-fiber 10Gig [™] 50/125µm (OM3) multimode plenum rated indoor/outdoor interlocking armored central cable.	6	Aqua
FOGPX12Y	12-fiber 10Gig [™] 50/125µm (OM3) multimode plenum rated indoor/outdoor interlocking armored central cable.	12	Aqua
FOMPX24Y	24-fiber 10Gig [™] 50/125µm (OM3) multimode plenum rated indoor/outdoor interlocking armored stranded cable.	24	Aqua
FOMPX36Y	36-fiber 10Gig [™] 50/125µm (OM3) multimode plenum rated indoor/outdoor interlocking armored stranded cable.	36	Aqua
FSGP506Y	6-fiber 50/125µm (OM2) multimode plenum rated indoor/outdoor interlocking armored central cable.	6	Orange
FSGP512Y	12-fiber 50/125µm (OM2) multimode plenum rated indoor/outdoor interlocking armored central cable.	12	Orange
FSMP524Y	24-fiber 50/125µm (OM2) multimode plenum rated indoor/outdoor interlocking armored stranded cable.	24	Orange
FSMP536Y	36-fiber 50/125µm (OM2) multimode plenum rated indoor/outdoor interlocking armored stranded cable.	36	Orange
FSGP606Y	6-fiber 62.5/125µm (OM1) multimode plenum rated indoor/outdoor interlocking armored central cable.	6	Orange
FSGP612Y	12-fiber 62.5/125µm (OM1) multimode plenum rated indoor/outdoor interlocking armored central cable.	12	Orange
FSMP624Y	24-fiber 62.5/125µm (OM1) multimode plenum rated indoor/outdoor interlocking armored stranded cable.	24	Orange
FSMP636Y	36-fiber 62.5/125µm (OM1) multimode plenum rated indoor/outdoor interlocking armored stranded cable.	36	Orange
Opti-Core[®] Gel-Free Plenum Indoor/Outdoor Interlocking Armored Cable (OFCP) – Singlemode			
FSGP906Y	6-fiber 9/125µm (OS1/OS2) singlemode plenum rated indoor/outdoor interlocking armored central cable.	6	Yellow
FSGP912Y	12-fiber 9/125µm (OS1/OS2) singlemode plenum rated indoor/outdoor interlocking armored central cable.	12	Yellow
FSMP924Y	24-fiber 9/125µm (OS1/OS2) singlemode plenum rated indoor/outdoor interlocking armored stranded cable.	24	Yellow
FSMP936Y	36-fiber 9/125µm (OS1/OS2) singlemode plenum rated indoor/outdoor interlocking armored stranded cable.	36	Yellow

*For fiber counts greater than 48-fibers, replace 48 in part number with desired fiber count: 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, premium optical performance grades and ribbonized constructions.

Labels for Opti-Core® Gel-Free Fiber Optic Indoor/Outdoor Interlocking Armored 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	S100X225YAJ	S100X225VATY	S100X225VAC	T100X000CBC-BK
24 36 48 72 96 144	S100X400YAJ	S100X400VATY	S100X400VAC	T100X000CBC-BK

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

**Opti-Core[®] Gel-Free Fiber Optic Outside Plant All-Dielectric Cable**

- Allows installation using loose tube cable methods for aerial and duct applications
- Gel-free design with water swellable tape provides dry water blocking
- All-dielectric construction provides a non-metallic design that eliminates the need to bond or ground for aerial or duct applications, allowing easy access to cable for lower installation costs
- UV resistant cable sheathing protects the cable and meets or exceeds the performance requirements of Telcordia GR-20, Issue 2 and ICEA 640 to withstand harsh outdoor environmental demands
- Tested in accordance with relevant EIA-455 series FOTPs for fiber optic cables
- Complies with RUS 7 CFR 1755.900 requirements for fiber optic service entrance cables
- Available in 6, 12, 24, 36, 48, 72, 96 and 144-fiber counts as a “stranded loose tube” design
- Medium density polyethylene jacket provides low friction installation
- Multimode (OM4, OM3, OM2, and OM1) and singlemode (OS1/OS2) fiber available
- Sheath markings provide positive identification, quality traceability, and length verification
- 250µm buffer coating protects fibers during handling and allows for ease of 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



Part Number	Part Description	Fiber Count*	Color
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Opti-Core[®] Gel-Free Outside Plant All-Dielectric Cable – Multimode

FOTNZ06	6-fiber 10Gig [™] 50/125µm (OM4) multimode outside plant stranded cable.	6	Black
FOTNZ12	12-fiber 10Gig [™] 50/125µm (OM4) multimode outside plant stranded cable.	12	Black
FOTNZ24	24-fiber 10Gig [™] 50/125µm (OM4) multimode outside plant stranded cable.	24	Black
FOTNZ36	36-fiber 10Gig [™] 50/125µm (OM4) multimode outside plant stranded cable.	36	Black
FOTNX06	6-fiber 10Gig [™] 50/125µm (OM3) multimode outside plant stranded cable.	6	Black
FOTNX12	12-fiber 10Gig [™] 50/125µm (OM3) multimode outside plant stranded cable.	12	Black
FOTNX24	24-fiber 10Gig [™] 50/125µm (OM3) multimode outside plant stranded cable.	24	Black
FOTNX36	36-fiber 10Gig [™] 50/125µm (OM3) multimode outside plant stranded cable.	36	Black
FSTN506	6-fiber 50/125µm (OM2) multimode outside plant stranded cable.	6	Black
FSTN512	12-fiber 50/125µm (OM2) multimode outside plant stranded cable.	12	Black
FSTN524	24-fiber 50/125µm (OM2) multimode outside plant stranded cable.	24	Black
FSTN536	36-fiber 50/125µm (OM2) multimode outside plant stranded cable.	36	Black
FSTN606	6-fiber 62.5/125µm (OM1) multimode outside plant stranded cable.	6	Black
FSTN612	12-fiber 62.5/125µm (OM1) multimode outside plant stranded cable.	12	Black
FSTN624	24-fiber 62.5/125µm (OM1) multimode outside plant stranded cable.	24	Black
FSTN636	36-fiber 62.5/125µm (OM1) multimode outside plant stranded cable.	36	Black

Opti-Core[®] Gel-Free Outside Plant All-Dielectric Cable – Singlemode

FSTN906	6-fiber 9/125µm (OS1/OS2) singlemode outside plant stranded cable.	6	Black
FSTN912	12-fiber 9/125µm (OS1/OS2) singlemode outside plant stranded cable.	12	Black
FSTN924	24-fiber 9/125µm (OS1/OS2) singlemode outside plant stranded cable.	24	Black
FSTN936	36-fiber 9/125µm (OS1/OS2) singlemode outside plant stranded cable.	36	Black

*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® Gel-Free Fiber Optic Outside Plant All-Dielectric 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 24 36 48	S100X225YAJ	S100X225VATY	S100X225VAC	T100X000CBC-BK
72 96 144	S100X400YAJ	S100X400VATY	S100X400VAC	T100X000CBC-BK

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

**Opti-Core[®] Gel-Free Fiber Optic Outside Plant Armored Cable**

- Allows installation using loose tube cable methods for aerial, duct, and direct burial applications
- Gel-free design with water swellable tape provides dry water blocking
- Corrugated steel armor provides superior crush resistance for extended durability in direct burial applications
- UV resistant cable sheathing protects the cable and meets or exceeds the performance requirements of Telcordia GR-20, Issue 2 and ICEA 640 to withstand harsh outdoor environmental demands
- Tested in accordance with relevant EIA-455 series FOTPs for fiber optic cables
- Complies with RUS 7 CFR 1755.900 requirements for fiber optic service entrance cables
- Available in 6, 12, 24, 36, 48, 72, 96 and 144-fiber counts as a “stranded loose tube” design
- Medium density polyethylene jacket provides low friction installation and excellent protection from environmental hazards to extend protection and reliability
- Multimode (OM4, OM3, OM2, and OM1) and singlemode (OS1/OS2) fiber available
- Sheath markings provide positive identification, quality traceability, and length verification
- 250µm buffer coating protects fibers during handling and allows for ease of 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



Part Number	Part Description	Fiber Count*	Color
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Opti-Core[®] Gel-Free Outside Plant Armored Cable – Multimode

FOWNZ06	6-fiber 10Gig [™] 50/125µm (OM4) multimode outside plant armored stranded cable.	6	Black
FOWNZ12	12-fiber 10Gig [™] 50/125µm (OM4) multimode outside plant armored stranded cable.	12	Black
FOWNZ24	24-fiber 10Gig [™] 50/125µm (OM4) multimode outside plant armored stranded cable.	24	Black
FOWNZ36	36-fiber 10Gig [™] 50/125µm (OM4) multimode outside plant armored stranded cable.	36	Black
FOWNX06	6-fiber 10Gig [™] 50/125µm (OM3) multimode outside plant armored stranded cable.	6	Black
FOWNX12	12-fiber 10Gig [™] 50/125µm (OM3) multimode outside plant armored stranded cable.	12	Black
FOWNX24	24-fiber 10Gig [™] 50/125µm (OM3) multimode outside plant armored stranded cable.	24	Black
FOWNX36	36-fiber 10Gig [™] 50/125µm (OM3) multimode outside plant armored stranded cable.	36	Black
FSWN506	6-fiber 50/125µm (OM2) multimode outside plant armored stranded cable.	6	Black
FSWN512	12-fiber 50/125µm (OM2) multimode outside plant armored stranded cable.	12	Black
FSWN524	24-fiber 50/125µm (OM2) multimode outside plant armored stranded cable.	24	Black
FSWN536	36-fiber 50/125µm (OM2) multimode outside plant armored stranded cable.	36	Black
FSWN606	6-fiber 62.5/125µm (OM1) multimode outside plant armored stranded cable.	6	Black
FSWN612	12-fiber 62.5/125µm (OM1) multimode outside plant armored stranded cable.	12	Black
FSWN624	24-fiber 62.5/125µm (OM1) multimode outside plant armored stranded cable.	24	Black
FSWN636	36-fiber 62.5/125µm (OM1) multimode outside plant armored stranded cable.	36	Black

Opti-Core[®] Gel-Free Outside Plant Armored Cable – Singlemode

FSWN906	6-fiber 9/125µm (OS1/OS2) singlemode outside plant armored stranded cable.	6	Black
FSWN912	12-fiber 9/125µm (OS1/OS2) singlemode outside plant armored stranded cable.	12	Black
FSWN924	24-fiber 9/125µm (OS1/OS2) singlemode outside plant armored stranded cable.	24	Black
FSWN936	36-fiber 9/125µm (OS1/OS2) singlemode outside plant armored stranded cable.	36	Black

*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® Gel-Free Fiber Optic Outside Plant Armored 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 24 36 48	S100X225YAJ	S100X225VATY	S100X225VAC	T100X000CBC-BK
72 96 144	S100X400YAJ	S100X400VATY	S100X400VAC	T100X000CBC-BK

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

**Opti-Core[®] Fiber Optic Interconnect Cable**

- Used in interconnect and horizontal installations for riser (OFNR), plenum (OFNP), and general-purpose environments
- Multimode (OM4, OM3, OM2, and OM1) and singlemode (OS1/OS2) fiber available
- Sheath markings provide positive identification, quality traceability, and length verification
- Colored buffers for ease of identification
- High quality buffering offers ease of stripping while maintaining optical performance
- Small diameter and flexible jackets allow for routing in tight spaces such as panels, cable trays, and fiber-to-the-desk (FTTD) applications
- Other diameters available to meet your application needs
- 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 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

**FSIR602Y****FSIR602Y****FSIP902Y**

Part Number	Part Description	Fiber Count	Color
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Opti-Core[®] Riser Interconnect Cable (OFNR) – Multimode

FOIRZ02Y	2-fiber 10Gig [™] 50/125µm (OM4) multimode riser rated interconnect cable; 2.9mm dia., zip-cord.	2	Aqua
FOIRX02Y	2-fiber 10Gig [™] 50/125µm (OM3) multimode riser rated interconnect cable; 2.9mm dia., zip-cord.	2	Aqua
FSIR502Y	2-fiber 50/125µm (OM2) multimode riser rated interconnect cable; 2.9mm dia., zip-cord.	2	Orange
FSIR602Y	2-fiber 62.5/125µm (OM1) multimode riser rated interconnect cable; 2.9mm dia., zip-cord.	2	Orange

Opti-Core[®] Riser Interconnect Cable (OFNR) – Singlemode

FSIR902Y	2-fiber 9/125µm (OS1/OS2) singlemode riser rated interconnect cable; 2.9mm dia., zip-cord.	2	Yellow
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Opti-Core[®] Plenum Interconnect Cable (OFNP) – Multimode

FOIPZ02Y	2-fiber 10Gig [™] 50/125µm (OM4) multimode plenum rated interconnect cable; 2.9mm dia., zip-cord.	2	Aqua
FOIPX02Y	2-fiber 10Gig [™] 50/125µm (OM3) multimode plenum rated interconnect cable; 2.9mm dia., zip-cord.	2	Aqua
FSIP502Y	2-fiber 50/125µm (OM2) multimode plenum rated interconnect cable; 2.9mm dia., zip-cord.	2	Orange
FSIP602Y	2-fiber 62.5/125µm (OM1) multimode plenum rated interconnect cable; 2.9mm dia., zip-cord.	2	Orange

Opti-Core[®] Plenum Interconnect Cable (OFNP) – Singlemode

FSIP902Y	2-fiber 9/125µm (OS1/OS2) singlemode plenum rated interconnect cable; 2.9mm dia., zip-cord.	2	Yellow
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Contact Customer Service for minimum order quantities, availability, and additional product configurations. Options include diameters, jacket colors, flame ratings and premium optical performance grades.

Labels for Opti-Core[®] Fiber Optic Interconnect 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
2	S100X220YAJ and NWSLC-7Y	S100X225VATY and NWSLC-7Y	S100X220VAC and NWSLC-7Y	T100X000CBC-BK

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