



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 (OFCP) 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
F5GR606Y	6-fiber 62.5/125µm (OM1) multimode riser rated indoor/outdoor interlocking armored central cable.	6	Black
F5GR612Y	12-fiber 62.5/125µm (OM1) multimode riser rated indoor/outdoor interlocking armored central cable.	12	Black
F5MR624Y	24-fiber 62.5/125µm (OM1) multimode riser rated indoor/outdoor interlocking armored stranded cable.	24	Black
F5MR636Y	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

F5GR906Y	6-fiber 9/125µm (OS1/OS2) singlemode riser rated indoor/outdoor interlocking armored central cable.	6	Black
F5GR912Y	12-fiber 9/125µm (OS1/OS2) singlemode riser rated indoor/outdoor interlocking armored central cable.	12	Black
F5MR924Y	24-fiber 9/125µm (OS1/OS2) singlemode riser rated indoor/outdoor interlocking armored stranded cable.	24	Black
F5MR936Y	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.

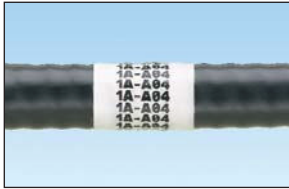
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**Opti-Core[®] Gel-Free Fiber Optic Indoor/Outdoor Interlocking Armored Cable (continued)****FOMPX24Y****FSGP606Y**

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 of SA-NCCB51.

A.
System
Overview

B.
Copper
Systems

C.
Fiber
Optic
Systems

D.
Power
over
Ethernet

E.
Zone
Cabling

F.
Wireless

G.
Outlets

H.
Media
Distribution

I.
Physical
Infrastructure
Management

J.
Overhead &
Underfloor
Routing

K.
Surface
Raceway

L.
Cabinets,
Racks &
Cable
Management

M.
Grounding &
Bonding

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Industrial

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Labeling &
Identification

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