



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 |
| F5SCP506Y | 6-fiber 50/125µm (OM2) multimode plenum rated indoor/outdoor central cable. | 6 | Orange |
| F5SCP512Y | 12-fiber 50/125µm (OM2) multimode plenum rated indoor/outdoor central cable. | 12 | Orange |
| F5SNP524Y | 24-fiber 50/125µm (OM2) multimode plenum rated indoor/outdoor stranded cable. | 24 | Orange |
| F5SNP536Y | 36-fiber 50/125µm (OM2) multimode plenum rated indoor/outdoor stranded cable. | 36 | Orange |
| F5SCP606Y | 6-fiber 62.5/125µm (OM1) multimode plenum rated indoor/outdoor central cable. | 6 | Orange |
| F5SCP612Y | 12-fiber 62.5/125µm (OM1) multimode plenum rated indoor/outdoor central cable. | 12 | Orange |
| F5SNP624Y | 24-fiber 62.5/125µm (OM1) multimode plenum rated indoor/outdoor stranded cable. | 24 | Orange |
| F5SNP636Y | 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 | | | |
| F5SCP906Y | 6-fiber 9/125µm (OS1/OS2) singlemode plenum rated indoor/outdoor central cable. | 6 | Yellow |
| F5SCP912Y | 12-fiber 9/125µm (OS1/OS2) singlemode plenum rated indoor/outdoor central cable. | 12 | Yellow |
| F5SNP924Y | 24-fiber 9/125µm (OS1/OS2) singlemode plenum rated indoor/outdoor stranded cable. | 24 | Yellow |
| F5SNP936Y | 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 of SA-NCCB51.