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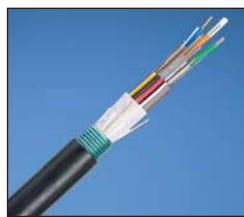Index

PANDUIT®

PHYSICAL INFRASTRUCTURE SYSTEMS

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
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.

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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 of SA-NCCB51.