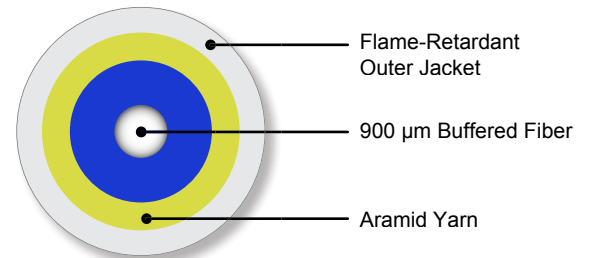


EZ-Bend® 3.0 Cable Standard



A Furukawa Company

The **EZ-Bend® 3.0 Cable**, available in riser, plenum, dual-rated low-smoke zero-halogen and indoor/outdoor constructions, **can be routed around corners and deployed** using traditional fast and easy copper wire installation practices, with negligible signal loss*. Ideal for aggressive routing environments where space is at a premium, the EZ-Bend 3.0 Cable offers **reliable support for MDU and in-home wiring applications**.*



EZ-Bend 3.0 Optical Cable Cross-Section

Features:

- 3.0 diameter ruggedized simplex cordage*
- Less than 0.1 dB macrobending attenuation at 1550 nm for 1 turn at 5 mm fiber bend radius
- Solid construction fiber with macrobending performance with ITU G.657B3 requirements
- Backward compatible with installed G.652D fibers
- Available in alternative colors upon request
- Conform to UL® Riser and Plenum fire ratings
- Compliant with Telcordia 409 & ICEA S-83-596 requirements
- Featuring EZ-Bend Optical Technology, a breakthrough developed by OFS Labs



EZ-Bend 3.0 Cable shown behind molding

Benefits:

- **“Copper-like” installation process:** Can be routed around corners using familiar copper wire practices*
- **Faster, easier installation:** no extra steps to install bend limiters, conduits, or raceways
- **Compact installation and storage:** Conforms to building; slack fits in small storage spaces
- **Fast, easy, low loss splicing** to G.652D fiber with existing core and clad aligned splice equipment
- **Familiar, standard connector termination:** Solid fiber construction can be terminated using standard optical connectors and polishing techniques
- **Familiar connector endface cleaning** using same process as with existing G.652 solid construction fiber
- **MDU and in-home optimized:** Ideal for in-residence wiring and difficult installation routes in MDU overbuilds
- **Greener Solution:** Free of heavy metals and RoHS-compliant; solution uses less total materials and energy than copper solutions

** NOTE: Standard 3.0 mm Cables are not staple rated. Please see our Ruggedized 4.8 and 3.0 mm Cable product line for staple-rated designs.*

Product Information

Cable Type	Flame Rating	Part Number	Nominal Weight kg/km (lb/100 ft)
Indoor/Outdoor Cables			
3.0 Indoor/Outdoor Dual-Rated* LSZH	IEC 60332-3C & UL 1666	IO30-001E-DDK-4-UVB	7.73 kg/km (0.52 lb/100 ft)
Indoor Cables			
3.0 Indoor Riser	UL 1666	9P30-001C-DRW-4	5.88 kg/km (0.40 lb/100 ft)
3.0 Indoor Plenum	NFPA 262 (UL 910)	9P30-001C-DPW-4	7.94 kg/km (0.53 lb/100 ft)
3.0 Indoor Dual-Rated* LSZH	IEC 60332-3C & UL 1666	9U30-001E-DDW-4	8.22 kg/km (0.55 lb/100 ft)

* Dual-Rated Cables are rated for both riser and LSZH application use.

NOTE: Standard color for Indoor cables is a white jacket. Standard color for Indoor/Outdoor cables is a black jacket. Please note that other jacket colors are available upon customer request.

Example of Standard Sheath Marking [Custom sheath marking available upon request]

White-Jacketed Riser-Rated Ruggedized Drop Cable with EZ-Bend Technology

OFS INTERCONNECT EZ-BEND® G.657.B3 OPTICAL CABLE -C- 9P30-001C-DRW-4 9/125 C(UL) US TYPE OFNR OFN-LS {CSA OFN FT4} {MM/YY} {LOT NO} {LENGTH IN FEET}

Performance

Flame Performance	Mechanical and Environmental Performance	Temperature Range
Riser: UL 1666 compliant	Telcordia GR-409, ICEA S-83-596 compliant	Installation: 32° F to 104° F (0° C to 40° C)
Plenum: NFPA 262 (UL 910) compliant		Operation: -40° F to 158° F (-40° C to 70° C)
Non-Halogen: IEC 60332-3c and IEC 61034-2 compliant		Storage: -40° F to 158° F (-40° C to 70° C)
Maximum Tensile Rating N (lb) - All Cables		260 N (60 lb)
Attenuation @		
	1310 nm	1550 nm
Maximum Attenuation	0.4 dB/km	0.3 dB/km
Typical Attenuation	0.35 dB/km	0.25 dB/km

EZ-Bend is a registered trademark of OFS Fitel, LLC.

UL is a registered trademark of Underwriters Laboratories Inc.

For additional information, please contact your sales representative.

You can also visit our website at www.ofsoptics.com or call 1-888-fiberhelp (1-888-342-3743) from inside the USA or 1-770-798-5555 from outside the USA.

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