

EZ-Bend® 4.8 Cable Toneable

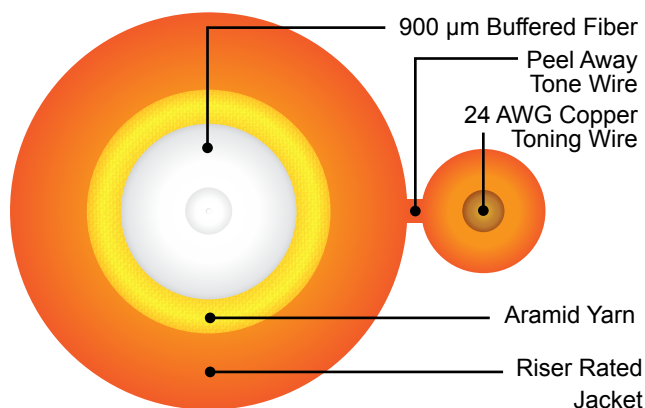
Features

- 4.8 mm diameter ruggedized toneable indoor/outdoor cordage
- Less than 0.1 dB macrobending attenuation at 1550 nm for 1 turn at 5 mm fiber bend radius
- Macrobending attenuation less than 0.3 dB/Riser version and 0.5 dB/LSZH version at 1550 nm when subjected to MDU Simulation Test called out by ICEA S-115-730
- EZ-Bend Cables offer double the performance of G.657B3, reliable down to 2.5 mm radius
- Backward compatible with installed G.652.D fibers
- Conform to UL® CL2R-OF fire rating
- Compliant with Telcordia 409 & ICEA S-83-596 and S-104-696 requirements
- Dry water-blocked core to protect against water ingress
- Reinforced solid jacket construction naturally limits cable bending to control macrobending attenuation and protect fiber reliability

Benefits

- **Integrated toning wire:** Helps reduce installation cost (no hardware/transition box or separate locating tape/wire needed)
- **Faster, easier handling:** Toning wire easily separated from cable by hand with no special tools needed
- **Compact installation and storage:** Flexible design for easy slack storage in small spaces
- **Color options:** Choice of optically visible orange, black or white jackets
- **Streamlined slack storage:** Simply coil and bury extra slack in the ground, thereby eliminating a slack box
- **Fast, easy, low loss splicing** to G.652.D fiber with existing core and clad aligned splice equipment
- **Familiar, standard connector termination:** Standard industry SCA connectors are available
- **Greener Solution:** Free of heavy metals and RoHS-compliant; solution uses fewer total materials and energy than copper solutions

EZ-Bend 4.8 Cable Toneable Cross-Section



Product Description

With the EZ-Bend® 4.8 mm Toneable Indoor/Outdoor Cable, users have yet another option for MDU, in-home wiring and aggressive, space-constrained routing environments. This toneable, riser-rated cable was specifically designed with the durability to be buried and then installed in one continuous run from the street into the home. In this way the EZ-Bend Toneable Cable eliminates the need for transition boxes and hardware on the outside of the living unit while also facilitating fast cable location along with cable bonding and grounding.

Performance	
Flame Performance	
Riser	(UL) CL2R-OF compliant
Mechanical and Environmental Performance	
Telcordia GR-409, ICEA S-83-596 compliant, S-104696	
Temperature Range	
Installation	-20 °C to +60 °C (-4 °F to +140 °F)
Operation	-20 °C to +60 °C (-4 °F to +140 °F)
Storage	-40 °C to +70 °C (-40 °F to +158 °F)
Maximum Tensile Rating	
440 N (100 lb)	
Attenuation	
@ 1310 nm	Typical: 0.35 dB/km; Maximum: 0.4 dB/km
@ 1550 nm	Typical: 0.25 dB/km; Maximum: 0.3 dB/km

Product Information			
Cable Type	Flame Rating	Part Number	Nominal Weight kg/km (lb/ 100 ft)
Indoor/Outdoor Cables			
4.8 Indoor/Outdoor Riser	(UL) CL2R-OF	IT48-001A-DRK-4-WPVC	23.3 kg/km (1.56 lb/100 ft)
4.8 Indoor/Outdoor Riser	(UL) CL2R-OF	IT48-001A-DRO-4-WPVC	23.3 kg/km (1.56 lb/100 ft)

NOTE: Standard color for indoor cables is a white jacket. Standard color for indoor/outdoor cables is a black jacket. Please note that optically visible orange is available.

Example of Standard Sheath Marking (Custom sheath marking available upon request)

Black-Jacketed Riser-Rated 4.8 mm Ruggedized Toneable Drop Cable with EZ-Bend Technology:

OFS INTERCONNECT EZ-BEND® G.657.B3 OPTICAL CABLE -C- IT48-001A-DRK-4-WPVC 9/125 C (UL) CL2R-OF
{MM/YY} {LOT NUMBER} {LENGTH IN FEET}

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) USA or 1-770-798-5555 outside the USA.



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