

EZ-Bend Cable

EZ-Bend cable helps speed and simplify indoor optical drop cable installations using breakthrough technology pioneered by OFS. EZ-Bend cable can be routed around corners and stapled using traditional fast and easy copper wire installation practices, with negligible signal loss. Ideal for aggressive routing environments where space is at a premium, EZ-Bend cable offers reliable support for MDU drop and in-home wiring applications, and can support great-quality high-definition television (HDTV), on-demand video, ultra high speed data, voice, online gaming and many other revenue-generating services.



OFS Offers	EZ-Bend 3.0 Cable	Riser	Plenum	LSOH
	EZ-Bend 4.8 Cable	Indoor/ Outdoor	Riser	Plenum

Features and Benefits

- 4.8 mm or 3.0 mm diameter simplex ruggedized 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 far better than ITU-T G.657B3 exceed
- Backward compatible with installed G.652D fibers
- Conform to UL Riser and Plenum fire ratings
- Compliant with Telcordia 409 & ICEA S-85-596 requirements
- Featuring EZ-Bend Optical Technology, a breakthrough developed by OFS Labs
- **“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:** 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 process
- **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



Strong, Reliable Performance

Some tests performed on an EZ-Bend 4.8 mm cable subjected to a more stringent configuration than specified by the rigorous Verizon MDU simulation test (TPR 9424), showed over 65% better loss performance than the 0.4 dB maximum specified for TPR 9424. In one of the tests (pictured above), the EZ-Bend cable was enduring the sum of 40 corners, 30 staples, one 90 degree corner with 30 lbs tension, one 90 degree corner with 5 lbs tension, with a very low loss (pictured in the power meter window above). Also pictured above is an X-Ray taken of the cable bend around the OFS logo'd box.

