EZ-Bend® Optical Cables
Multi-Fiber

ofs
A Furukawa Company

The EZ-Bend® Multi-Fiber Cable is the optimal solution for central office, Multiple Dwelling Units (MDUs) and in-home wiring applications. It can be routed around corners using traditional fast and easy copper wire installation practices, with negligible signal loss.
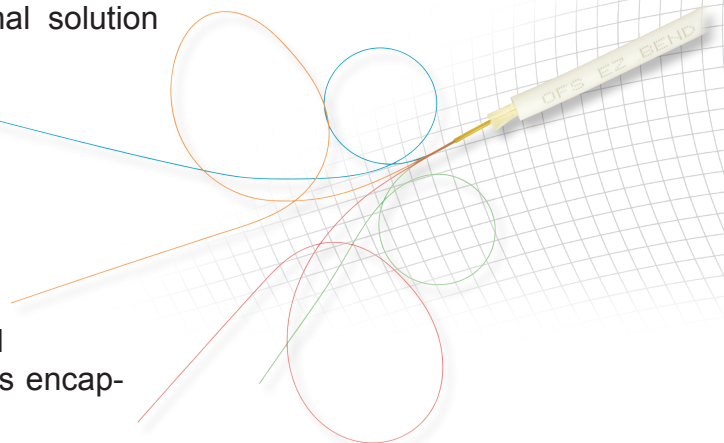
Available in white jacket Indoor Low-Smoke-Zero-Halogen (LSZH) and black jacket Indoor/Outdoor LSZH versions, this compact, rugged multi-fiber cable features between 2 to 12 fibers encapsulated in a solid acrylate core structure.

*EZ-Bend Multi-Fiber Cable
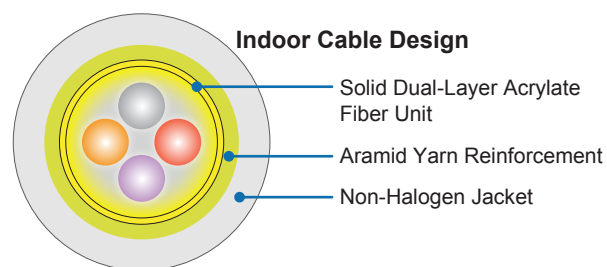(4-Fiber Arrangement Shown)*

Features:

- Available with 2, 4, 6, 8 or 12 fibers
- Solid construction fiber with macrobending performance far better than ITU G.657B requirements
- The 4.8 mm construction offers reinforced solid jacket construction that naturally limits cable bending to control macrobending attenuation and protect fiber reliability
- 5 mm minimum radius with 0.23 dB max loss per turn at 1550 nm
- Solid dual-layer acrylate multifiber core unit
  - Provides outstanding crush resistance, allowing stapling of cable
  - Limits fiber macrobending and prevents fiber kinking in tight bends
  - Easy, tool-free access to individual fibers for splicing
- Low loss connector mounting, polishing and cleaning using existing standard process
- Mechanical reliability for single subscriber drop application
- Also available as boxed cable for splicing that can be easily handled by a single technician

Indoor Cable Design

Solid Dual-Layer Acrylate Fiber Unit

Aramid Yarn Reinforcement

Non-Halogen Jacket

Indoor/Outdoor Cable Design

Solid Dual-Layer Acrylate Fiber Unit

Water-Swellable Aramid Yarn Reinforcement

UV-Resistant Non-Halogen Jacket

*EZ-Bend Multi-Fiber Cable Cross-Sections
(4-Fiber Arrangement Shown)*

Benefits:

- **"Copper-like" installation process:** An innovative, patent-pending design allows cables to be routed around corners utilizing easy-to-use copper service 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
- **Central office, MDU and in-home optimized:** Ideal for central office and in-residence wiring, and difficult installation routes in MDU overbuilds
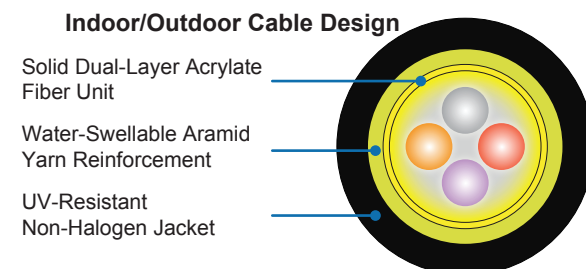- **Free of heavy metals and RoHS-compliant**

Performance

	Flame Performance	Mechanical and Environmental Performance	Temperature Range	
	LSZH: Compliant with IEC 60332-3c, IEC 61034-2 and IEC 60754-2	IEC 60794-2, FDDI, IEEE 802(s), ISO/ IEC 11801, TIA 568, TIA 598, ANSI-X3(s), ATM, Fiber Channel and HIPPI	Installation (no damage): -20° C to 75° C (-4° F to 167° F) Operation: -40° C to 70° C (-40° F to 158° F) Storage (full recovery): -40° C to 70° C (-40° F to 158° F)	

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

Specifications

Cable Type	Jacket Color *	Fiber Count	Maximum Tensile Rating N (lb)	Nominal Weight kg/km (lb/100 ft)	MOQ	Standard REELEX Box Length †
LSZH	White	2 - 12	440 N (100 lb)	23.3 kg/km (1.57 lb/100 ft)	500 m (1640.4 ft)	500 m (1640.4 ft)
Indoor/Outdoor LSZH	Black	2 - 12	440 N (100 lb)	23.3 kg/km (1.57 lb/100 ft)	500 m (1640.4 ft)	500 m (1640.4 ft)

* Other colors available upon customer request.
† Alternative lengths available on standard premise spools. Contact OFS for more details.

Sheath Marking by Cable Type

12-Fiber EZ-Bend Indoor LSZH Cable:
`OFS ACCUBREEZE EZ-BEND OPTICAL CABLE –C– RABC-012B-DHW IEC 60332-3C IEC 61034-2 COMPLIANT [Lot Number] XXXX Meters`

12-Fiber EZ-Bend Indoor/Outdoor LSZH Cable:
`OFS ACCUBREEZE EZ-BEND OPTICAL CABLE –C– IOAB-012B-DHK IEC 60332-3C IEC 61034-2 COMPLIANT [Lot Number] XXXX Meters`

With a size (30.5 cm x 33 cm x 23 cm) and a weight (11 kg) that are familiar to installers, these boxes can be easily handled by a single technician

Ordering Codes

Description	Codes
White Jacket 2 Fiber Indoor LSZH cable	RABC-002B-DHW
White Jacket 2 Fiber Indoor LSZH cable in REELEX box	RABC-002B-DHW-RLX-500M
White Jacket 4 Fiber Indoor LSZH cable	RABC-004B-DHW
White Jacket 4 Fiber Indoor LSZH cable in REELEX box	RABC-004B-DHW-RLX-500M
White Jacket 6 Fiber Indoor LSZH cable	RABC-006B-DHW
White Jacket 6 Fiber Indoor LSZH cable in REELEX box	RABC-006B-DHW-RLX-500M
White Jacket 8 Fiber Indoor LSZH cable	RABC-008B-DHW
White Jacket 8 Fiber Indoor LSZH cable in REELEX box	RABC-008B-DHW-RLX-500M
White Jacket 12 Fiber Indoor LSZH cable	RABC-012B-DHW
White Jacket 12 Fiber Indoor LSZH cable in REELEX box	RABC-012B-DHW-RLX-500M
Black Jacket 2 Fiber Indoor/Outdoor LSZH cable	IOAB-002B-DHK
Black Jacket 2 Fiber Indoor/Outdoor LSZH cable in REELEX box	IOAB-002B-DHK-RLX-500M
Black Jacket 4 Fiber Indoor/Outdoor LSZH cable	IOAB-004B-DHK
Black Jacket 4 Fiber Indoor/Outdoor LSZH cable in REELEX box	IOAB-004B-DHK-RLX-500M
Black Jacket 6 Fiber Indoor/Outdoor LSZH cable	IOAB-006B-DHK
Black Jacket 6 Fiber Indoor/Outdoor LSZH cable in REELEX box	IOAB-006B-DHK-RLX-500M
Black Jacket 8 Fiber Indoor/Outdoor LSZH cable	IOAB-008B-DHK
Black Jacket 8 Fiber Indoor/Outdoor LSZH cable in REELEX box	IOAB-008B-DHK-RLX-500M
Black Jacket 12 Fiber Indoor/Outdoor LSZH cable	IOAB-012B-DHK
Black Jacket 12 Fiber Indoor/Outdoor LSZH cable in REELEX box	IOAB-012B-DHK-RLX-500M

THINK GREEN

Use electronic files, available at:
www.ofsoptics.com - Use less paper

This Product is **RoHS** Compliant
EU Directive 2002/95/EC

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

For additional information please contact your sales representative. You can also visit our website at www.ofsoptics.com or call +1-770-798-5555 from outside the USA.

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