



A Furukawa Company

EZ-Bend® 3.0 Ruggedized Assemblies

Factory Terminated



EZ-Bend 3.0
Ruggedized Assembly

Features

- Available in 3.0 diameter cordage in an indoor/outdoor construction
- 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 G.657.B3 requirements
- Backward compatible with installed G.652.D fibers
- Available as single or double ended SCA terminated cables with 0.15 dB Mean Loss (single fiber constructions)
- Also available as boxed cable for splicing that can be easily managed by a single technician
- **Insertion Loss:** 0.5 dB
Return Loss: -65 dB
Mating Durability: 100

Benefits

- **Staple friendly:** Ruggedized cords designed to allow common stapling methods
- **MDU and In-Home Optimized:** Ideal for in-residence wiring and difficult installation routes in MDU overbuilds
- **Faster, easier installation:** no extra steps to install bend limiters, conduits, or raceways
- **Compact installation and storage:** Conforms to building; slack fits in small spaces
- **Fast, easy, low loss splicing** to G.652.D fiber with existing core and clad aligned splice equipment

Product Description

The EZ-Bend 3.0 Ruggedized Assembly is the first 3 mm optical drop designed to withstand stapling while exhibiting negligible bend loss to help save time and money on installation. The innovative design can conquer sharp corners without the need for bend management and is ideal for MDU and in-home wiring applications where space is at a premium. It offers all the advantages of ultra bend-insensitive EZ-Bend Cables plus the benefits of factory-tuned termination.



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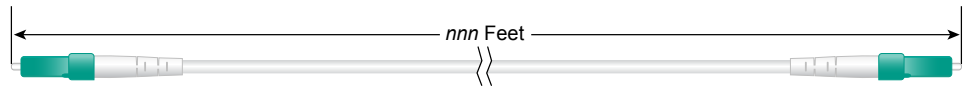
EZ-Bend 3.0
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EXAMPLE ORDERING CODES

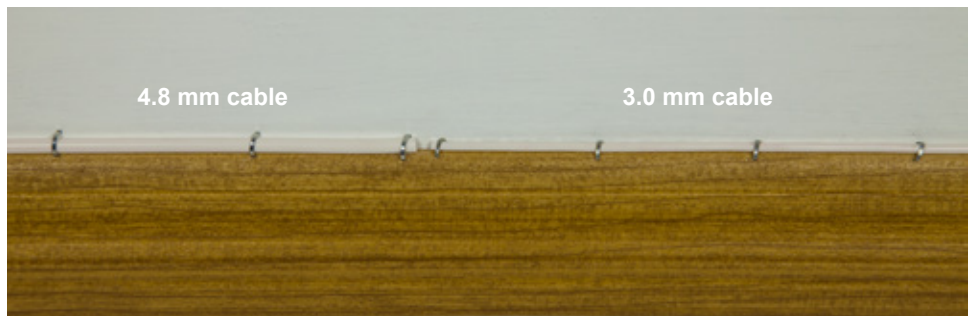
Code	Description
JRVDK001SCASCA nnn F	3.0 mm black ruggedized Indoor/Outdoor single fiber SCA to SCA with a specified length in place of nnn
JRVDK001SCAUNC nnn F	3.0 mm black ruggedized Indoor/Outdoor single fiber SCA to UNC with a specified length in place of nnn
JRVDW001SCASCA nnn F	3.0 mm white ruggedized Indoor/Outdoor single fiber SCA to SCA with a specified length in place of nnn
JRVDW001SCAUNC nnn F	3.0 mm white ruggedized Indoor/Outdoor single fiber SCA to UNC with a specified length in place of nnn

NOTE: nnn = footage (Lengths in boxes up to 1,500 feet)
Length of assembly specified in feet (F) or meters (M)
Other connector types such as LCU, SCU and LCA are available upon request

STANDARD PACKAGING: For length up to 150' coiled type
For length superior to 150', jumper is supplied on the spool



Example diagram of cable assembly with length information



4.8 vs. 3.0 mm Cable Comparison
(stapled to baseboard)

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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