

EZ-Bend® 3.0 Assemblies

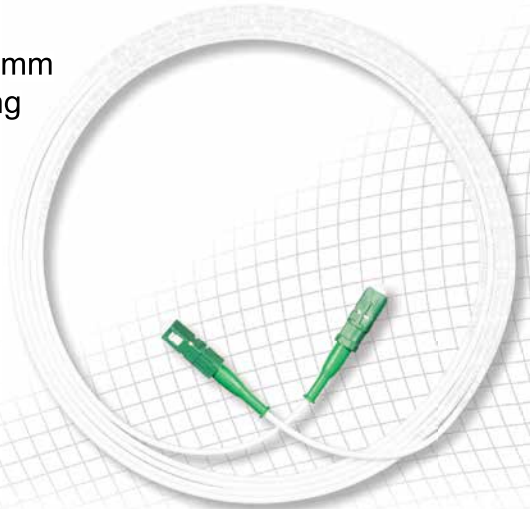
Factory Terminated

Ruggedized



A Furukawa Company

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.



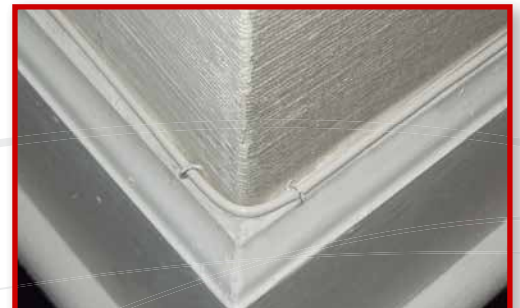
EZ-Bend 3.0 Ruggedized Assembly

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 exceeding that set by the ITU G.657B requirements
- Backward compatible with installed G.652D 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:

- **“Copper-like” installation process:** Can be routed around corners using familiar copper service 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
- **MDU and in-home optimized:** Ideal for in-residence wiring and difficult installation routes in MDU overbuilds





*EZ-Bend 3.0
Ruggedized Assembly*

Example Ordering Codes

Code	Description
JV3DK001SCASCA nnn F	3.0 mm black ruggedized Indoor/Outdoor single fiber SCA to SCA with a specified length in place of nnn
JV3DK001SCAUNC nnn F	3.0 mm black ruggedized Indoor/Outdoor single fiber SCA to UNC with a specified length in place of nnn
JV3DW001SCASCA nnn F	3.0 mm white ruggedized Indoor/Outdoor single fiber SCA to SCA with a specified length in place of nnn
JV3DW001SCAUNC nnn F	3.0 mm white ruggedized Indoor/Outdoor single fiber SCA to UNC with a specified length in place of nnn

- Notes:**
- nnn = footage (Lengths in boxes up to 1,500 feet)
 - Length of assembly specified in feet (F) or meters (M)



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



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