

# EZ-Bend® Assemblies Factory Terminated



A Furukawa Company

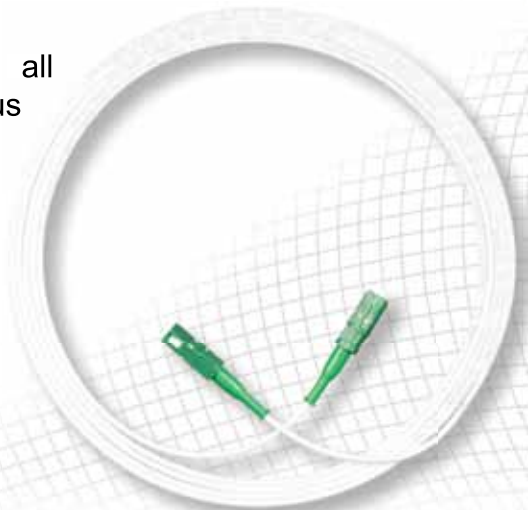
The robust, leading-edge EZ-Bend® Assemblies offer all the advantages of bend-insensitive EZ-Bend Cables plus the benefits of factory-tuned termination. OFS' EZ-Bend Assemblies allow for customization (i.e, cable diameter and construction, cable length, and termination type) and help save time and money on installation. Their innovative design can conquer sharp corners, moldings, and even stapling\*, and provides an ideal solution for MDU and in-home wiring applications where space is at a premium.

## Features:

- Available in 4.8 and 3.0 diameter cordages, as indoor/outdoor, riser, plenum, or low-smoke, zero-halogen constructions
- 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.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 Assembly*



*With a size (12" x 13" x 9") and a weight (24 lbs) that are familiar to installers, these boxes can be easily handled by a single technician*



\* 3.0 mm assemblies are not recommended for stapling



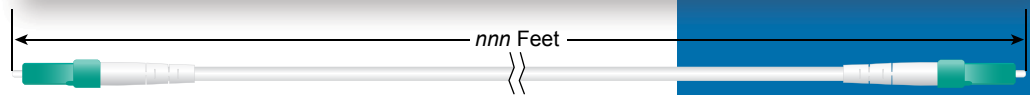
*EZ-Bend 4.8  
Indoor/Outdoor Cable*

### Example Ordering Codes

| <b>Code</b>        | <b>Description</b>  |
|--------------------|---|
| JR5DK001SCASCAnnnF | 4.8 mm Riser Indoor/Outdoor Single Fiber SCA to SCA                               |
| JR5DK001SCAUNCnnnF | 4.8 mm Riser Indoor/Outdoor Single Fiber SCA to Unconnectorized                   |
| JH5DK001SCAUNCnnnF | 4.8 mm Low Halogen Black Indoor/Outdoor Black Single Fiber SCA to Unconnectorized |
| JR4DW001SCASCAnnnF | 4.8 mm Riser White Single Fiber SCA to SCA  |
| JR4DW001SCAUNCnnnF | 4.8 mm Riser White Single Fiber SCA to Unconnectorized                            |
| JP4DW001SCAUNCnnnF | 4.8 mm Plenum White Single Fiber SCA to Unconnectorized                           |
| JR3DW001SCASCAnnnF | 3.0 mm Riser White Single Fiber SCA to SCA  |
| JR3DW001SCAUNCnnnF | 3.0 mm Riser White Single Fiber SCA to Unconnectorized                            |
| JH3DW001SCAUNCnnnF | 3.0 mm Low Halogen White Single Fiber Indoor SCA to Unconnectorized               |
| JH4DW001SCAUNCnnnF | 3.0 mm Low Halogen White Single Fiber Indoor SCA to Unconnectorized               |

**Notes:**

- 3.0 mm assemblies are not recommended for stapling
- *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*



Use electronic files, available at:  
[www.ofsoptics.com](http://www.ofsoptics.com) - Use less paper

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For additional information please contact your sales representative. You can also visit our website at [www.ofsoptics.com](http://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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