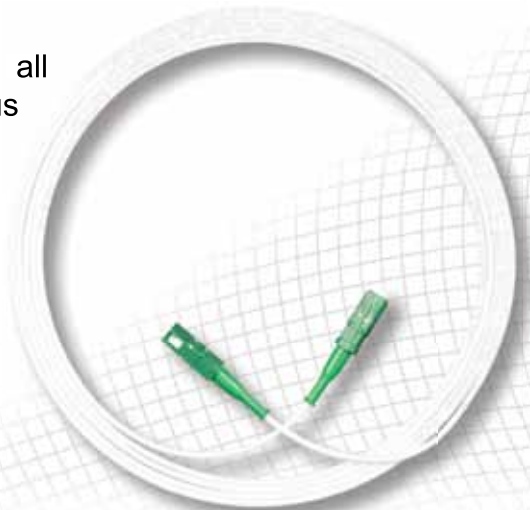


# EZ-Bend® Assemblies Factory Terminated



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 stapling\*, and provide an ideal solution for MDU and in-home wiring applications where space is at a premium.



*EZ-Bend 3.0 Assembly*

## 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



*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

Code	Description
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)



*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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Marketing Communications  
fap-253-1010



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