

# EZ-Bend® Tearable Drop Assemblies



A Furukawa Company

## Fast, Bendable, Plug and Play Installation

### Product Description

OFS EZ-Bend® Tearable Drop Assemblies provide the optical connection between a fiber distribution terminal and a network interface device, which is usually mounted at or inside the home or business. EZ-Bend cables can be stored in a compact bundle and routed from the outside of the building to the inside. The assemblies may be pulled through duct or direct buried and can be easily located underground using the integrated copper toning wire. They can be attached with staples or other fasteners with no bending issues.

The EZ-Bend Tearable Drop Assemblies are factory terminated and tested for fast, reliable plug and play installation. Industry standard connectors enable fast connection to fiber distribution terminals or Optical Network Terminal (ONT). The EZ-Bend Tearable Drop Assemblies are part of OFS' FOX Solution® Home and Business.



*EZ-Bend Tearable Drop Assembly*

Key Features	Benefits
<b>EZ-Bend fiber inside a ruggedized 4.8 mm Indoor/Outdoor jacket</b>	Bends down to 2.5 mm radius making routing easier inside the premise. Compact slack management reduces cost and large loops.
<b>Aramid strength members enabling 100 lb tension rating</b>	Facilitates pulling through duct and stapling around sharp corners while protecting fiber reliability
<b>Factory terminated optical connectors</b>	Plug and play results in faster, lower skill installation saving time and cost compared to field terminated options
<b>Factory tested optical performance with low loss and low reflection performance (&lt; 0.3 dB insertion loss and high return loss &gt; 55 dB with SC-UPC connectors)</b>	Greater service reliability compared to field terminated solutions
<b>Industry standard connectors</b>	Compatible and interoperable with industry standard terminals compared to hardened fiber optic connectors.
<b>Integrated copper toning wire</b>	Easy to locate underground using conventional equipment to prevent impact from/to other underground utilities. Copper wire can be easily peeled away to route the cabling inside or access the toning wire for testing.
<b>Precision manufactured with high quality manufacturing processes</b>	Consistent high quality performance
<b>RoHS compliant</b>	Meets environment standards

## Specifications

Cable Type	Jacket Color *	Part Number	Maximum Tensile Rating N (lb)	Nominal Weight kg/km (lb/100 ft)	Standard REELEX Box Length †
Indoor/Outdoor Riser	Black	IO4.8C-001C-DRK	440 N (100 lb)	23.3 kg/km (1.57 lb/100 ft)	457.2 m (1500 ft)
Low-Smoke Zero Halogen Indoor/Outdoor	Black	IO4.8C-001D-DHK	440 N (100 lb)	23.3 kg/km (1.57 lb/100 ft)	457.2 m (1500 ft)

\* Other colors available upon customer request.

† Alternative lengths available on standard premise spools. Contact OFS for more details.

Example of Standard Sheath Marking [Custom sheath marking available upon request] Drop Cable with EZ-Bend Technology:

**OFS EZ BEND ULTRA BEND INSENSITIVE OPTICAL DROP CABLE -C- IO4.8C-001C-DRK C(UL) US TYPE OFNR [CSA OFN FT4] {lot number} ~nnnnn FEET**

## Assembly Performance

Flame Performance	Mechanical and Environmental Performance	Temperature Range
Riser: UL 1666 compliant	Telcordia GR-409, ICEA S-83-596 compliant	Installation: 32° F to 104° F (0° C to 40° C)
Plenum: NFPA 262 (UL 910) compliant		Operation: -40° F to 158° F (-40° C to 70° C)
Non-Halogen: IEC 60332-3c and IEC 61034-2 compliant		Storage: -40° F to 158° F (-40° C to 70° C)
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

## Ordering Information

Product Code	Description
JR8DK001SCAUNC030M	30 meter Toneable Drop connectorized SC APC assembly single-ended
JR8DK001SCASCA030M	30 meter Toneable Drop connectorized SC APC assembly both ends

## Connectorization Performance

Connector	Insertion Loss Max. Standard Deviation	Return Loss Max	Temperature Range
<i>Single-Mode</i>			
SCU	0.3/0.3 dB	-55 dB	-40 to 85
SCA	0.5/0.3 dB	-65 dB	-40 to 85

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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