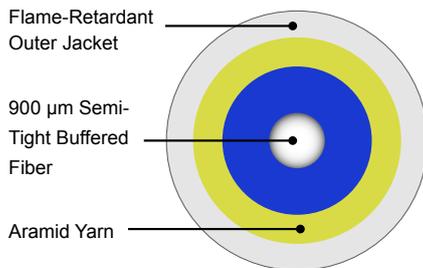


## Ruggedized 3.0 mm Drop Cable



**Ruggedized 3.0 mm Drop Cable  
Cross-Section**

### Features

- 3.0 diameter cordage
- B2ca-s1-d0-a1
- Semi-tight buffered fiber 900 μm; strip 1 meter lengths
- 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
- Compliant with Telcordia 409 & ICEA S-83-596 requirements
- ICEA-S-115-730-2012 compliant for MDU applications
- Featuring EZ-Bend Optical Technology, a breakthrough developed by OFS Labs

### Benefits

- **MDU and In-Home Optimized:** Ideal for in-residence wiring
- **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
- **Familiar, standard connector termination:** Solid fiber construction can be terminated using standard optical connectors and polishing techniques
- **Familiar connector endface cleaning** using same process as with existing G.652 solid construction fiber
- **Greener Solution:** Free of heavy metals and RoHS-compliant; solution uses fewer total materials and energy than copper solutions
- **Easy to Strip:** Up to 1 meter lengths from buffer to aid with fusion splicing

### Product Description

The Ruggedized 3.0 mm Drop Cable is available as a low-smoke zero-halogen indoor/outdoor construction. Route throughout living unit with negligible signal loss. Ideal for aggressive routing environments where space is at a premium, the EZ-Bend 3.0 Cable offers reliable support for MDU and in-home wiring applications.



A Furukawa Company

## Ruggedized 3.0 mm Drop Cable

Performance	
Flame Performance	
<b>CPR Rating</b>	B2ca-s1, d0, a1
Mechanical and Environment Performance	
Telecordia GR-409, ICEA S-83-596 compliant, ICEA-S-115-730-2012 Compliant; for MDU	
Temperature Range	
<b>Installation</b>	-20 °C to 60 °C (-4 °F to 140 °F)
<b>Operation</b>	-40 °C to 70 °C (-40 °F to 158 °F)
<b>Storage</b>	-40 °C to 70 °C (-40 °F to 158 °F)
Maximum Tensile Rating	
444 N (100 lb)	
Compressive Load	
100 N/cm	
Attenuation	
<b>@ 1310 nm</b>	Typical: 0.35 dB/km; Maximum: 0.4 dB/km
<b>@ 1550 nm</b>	Typical: 0.25 dB/km; Maximum: 0.3 dB/km



Ruggedized 3.0 mm Drop Cable shown behind molding

Product Information	
Indoor/Outdoor Cables	
<b>Cable Type</b>	3.0 Indoor/Outdoor LSZH
<b>Nominal Weight</b>	8.4 kg/km (0.66 lb/100 ft)
<b>Part Number</b>	IR30-001C-DHK-4-EZS (Black) IR30-001C-DHW-4-EZS (White)
<b>CPR Rating</b>	B2ca-s1, d0, a1
<b>DoP Lookup:</b> <a href="http://www.ofs-sales.com/cpr/">www.ofs-sales.com/cpr/</a>	<b>IR30-001-C-H</b>



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



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