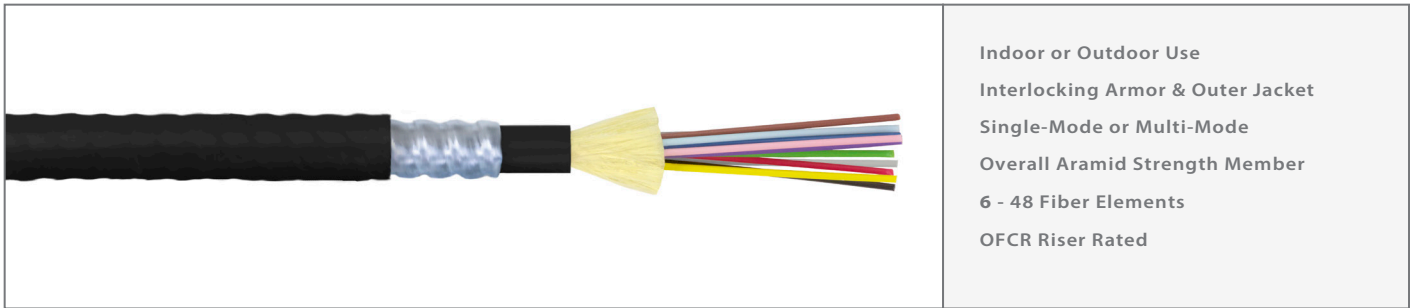


DRIOA Series

Riser Rated Distribution Interlocked Armored Optical Fiber

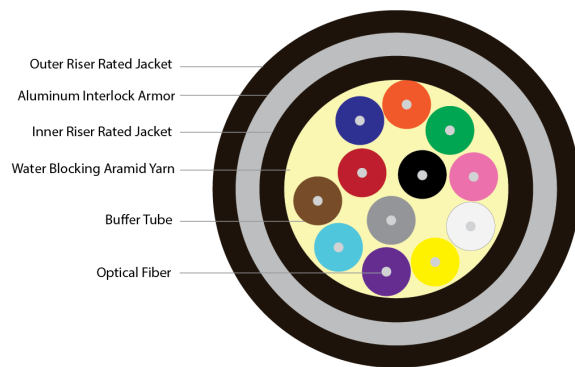


- Indoor or Outdoor Use
- Interlocking Armor & Outer Jacket
- Single-Mode or Multi-Mode
- Overall Aramid Strength Member
- 6 - 48 Fiber Elements
- OFCR Riser Rated

Part Number: **CWF-Dxxx**RIOA** (see below for variations)
 Description: Riser Rated Interlocked Armored Distribution Fiber Cables

Materials & Dimensions

| | |
|------------------------------------|--|
| Fiber Type and ** Part Number Code | SM = Single-Mode 9µm MM = Multi-Mode 62.5µm OM1 MM5 = Multi-Mode 50µm OM2 MM53 = Multi-Mode 50µm OM3 MM54 = Multi-Mode 50µm OM4 |
| Cladding | Glass, 125µm diameter |
| Primary Coating | UV Cured Acrylate, 245µm diameter |
| Secondary Buffer | PVC, 900µm diameter |
| Overall Strength Member | Water Block Aramid Yarn |
| Inner Jacket | PVC (black) |
| Armor | Aluminum Interlocking Armor |
| Outer Jacket | PVC (black) |



Performance Characteristics

| | |
|------------------------|-----------|
| Operating Temperatures | Listing |
| -40°C to 75°C | (UL) OFCR |

Product Variations

| Part Number | Number of Elements | Fiber Color Code | Overall Diameter | Weight | Bend Radius (min.) | Tensile Load (max.) |
|-----------------------|--------------------|---|------------------|-------------|--|---|
| CWF-D006**RIOA | 6 | blue, orange, green, brown, grey, white | .520" | 133 lbs/Mft | 7.8" - Installation 8.4" - Longterm | 150 lbs - Installation 47 lbs - Longterm |
| CWF-D012**RIOA | 12 | blue, orange, green, brown, grey, white, red, black, yellow, purple, rose, aqua | .560" | 155 lbs/Mft | 8.4" - Installation 9.5" - Longterm | 150 lbs - Installation 49 lbs - Longterm |
| CWF-D024**RIOA | 24 | same as 12 strand, #13 repeats at blue with continuous dashed markings | .680" | 214 lbs/Mft | 10.2" - Installation 10.2" - Longterm | 300 lbs - Installation 90 lbs - Longterm |
| CWF-D048**RIOA | 48 | same as 12 strand, #13, #25, and #37 repeat at blue with continuous dashed markings | 1.02" | 320 lbs/Mft | 15.3" - Installation 10.2" - Longterm | 300 lbs - Installation 90 lbs - Longterm |

^^ = CWF-D048SMRIOA is a sub-grouped cable construction 4x12

