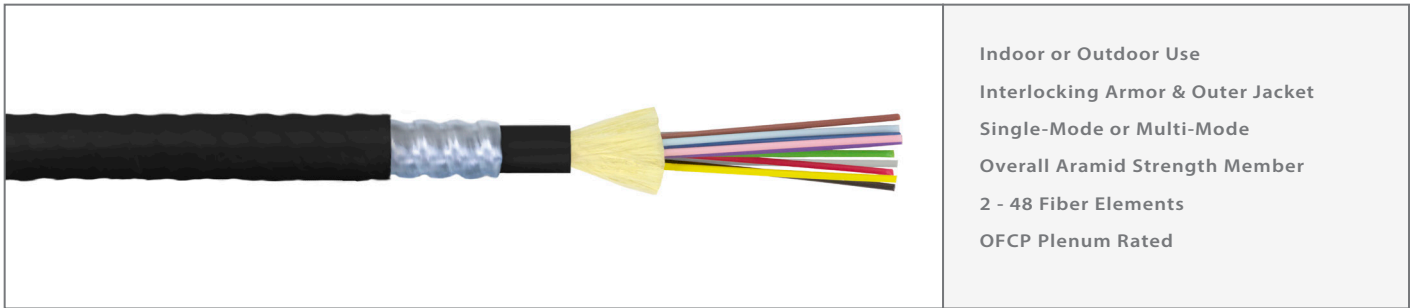


## DPIOA Series

### Plenum Rated Distribution Interlocked Armored Optical Fiber

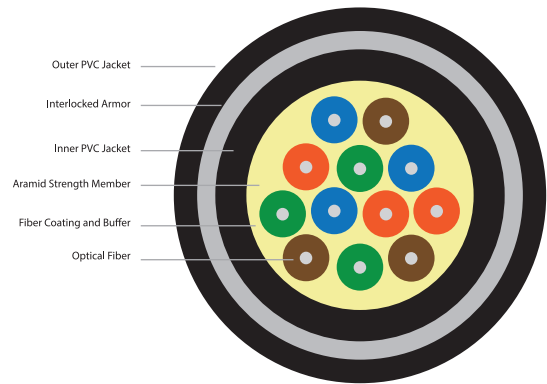


- Indoor or Outdoor Use
- Interlocking Armor & Outer Jacket
- Single-Mode or Multi-Mode
- Overall Aramid Strength Member
- 2 - 48 Fiber Elements
- OFCP Plenum Rated

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

#### Materials & Dimensions

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



#### Performance Characteristics

Operating Temperatures	Listing
-40°C to 70°C	(UL) OFCP

#### Product Variations

Part Number	Number of Elements	Fiber Color Code	Overall Diameter	Weight	Bend Radius (min.)	Tensile Load (max.)
<b>CWF-D006**PIOA</b>	6	blue, orange, green, brown, grey, white	.560"	169 lbs/Mft	7.8" - Installation 8.4" - Longterm	300 lbs - Installation 90 lbs - Longterm
<b>CWF-D012**PIOA</b>	12	blue, orange, green, brown, grey, white, red, black, yellow, purple, rose, aqua	.630"	198 lbs/Mft	8.4" - Installation 9.5" - Longterm	300 lbs - Installation 90 lbs - Longterm
<b>CWF-D024**PIOA</b>	24	same as 12 strand, #13 repeats at blue with continuous dashed markings	.680"	223 lbs/Mft	10.2" - Installation 10.2" - Longterm	300 lbs - Installation 90 lbs - Longterm
<b>CWF-D0488**PIOA</b>	48	same as 12 strand, #13, #25, and #37 repeat at blue with continuous dashed	1.02"	360 lbs/Mft	15.3" - Installation 10.2" - Longterm	300 lbs - Installation 90 lbs - Longterm