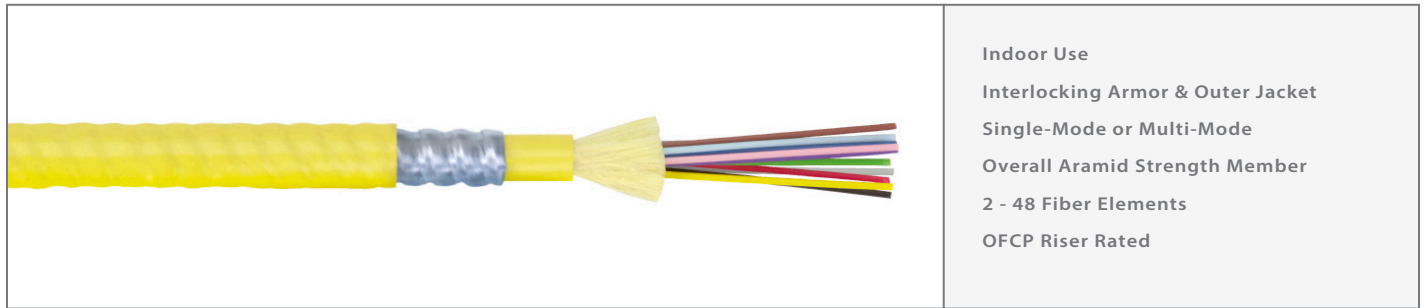


DPIA Series

Plenum Rated Distribution Interlocked Armored Optical Fiber

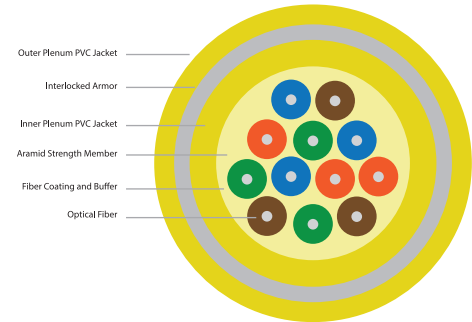


Indoor Use
 Interlocking Armor & Outer Jacket
 Single-Mode or Multi-Mode
 Overall Aramid Strength Member
 2 - 48 Fiber Elements
 OFCP Riser Rated

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

Materials & Dimensions

Fiber Type and Part Number Code	SM = Single-Mode 9um MM = Multi-Mode 62.5um OM1 MM5 = Multi-Mode 50u OM2 MM53 = Multi-Mode 50u OM3 MM54 = Multi-Mode 50u OM4
Cladding	Glass, 125um diameter
Primary Coating	Clear, 242um diameter
Secondary Buffer	Plenum PVC, 900um diameter
Overall Strength Member	Aramid Yarn
Inner Jacket	Plenum PVC (SM Yellow, OM1 & OM2 Orange, OM3 & OM4 Aqua)
Armor	Aluminum Interlocking Armor
Outer Jacket	Plenum PVC (SM Yellow, OM1 & OM2 Orange, OM3 & OM4 Aqua)



Performance Characteristics

Operating Temperatures	Listing
-0°C to 70°C	(ETL) OFCP (NFPA 262/UL910) (CSA) FT6

Product Variations

Part Number	Number of Elements	Fiber Color Code	Overall Diameter	Weight	Bend Radius (min.)	Tensile Load (max.)
CWF-D006**PIA	6	blue, orange, green, brown, grey, white	.460"	82 lbs/Mft	7.0" - Installation 4.8" - Operating	100 lbs - Installation 30 lbs - Operating
CWF-D012**PIA	12	blue, orange, green, brown, grey, white, red, black, yellow, purple, rose, aqua	.460"	89 lbs/Mft	7.0" - Installation 5.0" - Operating	100 lbs - Installation 30 lbs - Operating
CWF-D024**PIA	24	same as 12 strand, #13 repeats at blue with continuous dashed markings	.620"	144 lbs/Mft	9.3" - Installation 5.3" - Operating	150 lbs - Installation 45 lbs - Operating
CWF-D048**PIA	48	same as 12 strand, #13, #25, and #37 repeat at blue with continuous dashed	.940"	294 lbs/Mft	14.2" - Installation 9.4" - Operating	150 lbs - Installation 45 lbs - Operating