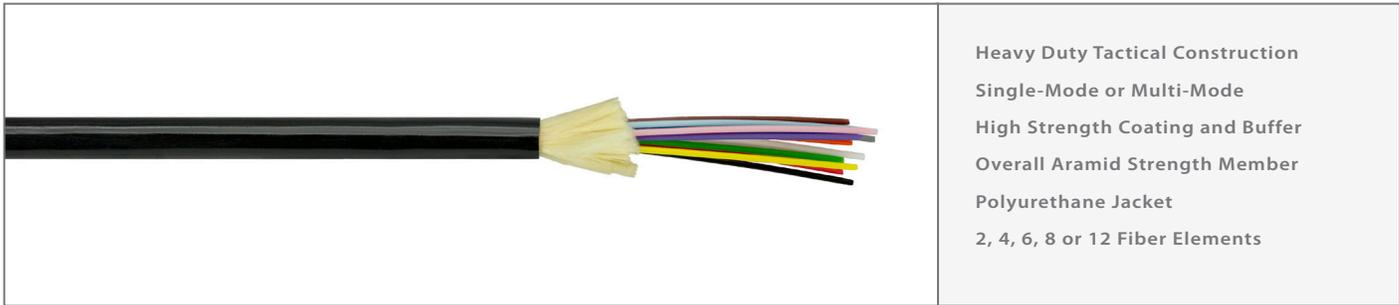


DMT-T Series

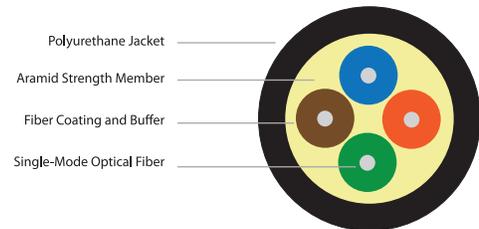
Tactical Distribution Optical Fiber Cables



Part Number: **CWF-DMTxxx**T** (see below for variations)
Description: Tactical Distribution Optical Fiber Cable

Materials & Dimensions

Fiber Type and ** Part Number Code	SM = Single-Mode 9um. Bend Tolerant MM = Multi-Mode 62.5um OM1 MM5 = Multi-Mode 50u OM2 MM53 = Multi-Mode 50u OM3
Cladding	Glass, 125um diameter
Primary Coating	UV Cured Acrylate, 245um diameter
Secondary Buffer	Hard Elastomeric Tight Buffer, 900um diameter
Overall Strength Member	Aramid Yarn
Overall Jacket	Polyurethane
Color	Black



Performance Characteristics

Impedance Resistance	Crush Resistance	Proof Test Levels	Operating Temperatures
1500 impacts (EIA-455-25A)	1800 N/cm (EIA-455-41A)	100 kpsi	-40° C to 85° C

Product Variations

Part Number	Number of Elements	Fiber Color Code	Overall Diameter	Weight	Bend Radius (min.)	Tensile Load (max.)
CWF-DMT002**T	2	blue, orange	.200"	14 lbs/Mft	3.1" - Installation 1.6" - Operating	400 lbs - Installation 130 lbs - Operating
CWF-DMT004**T	4	blue, orange, green, brown	.220"	18 lbs/Mft	3.5" - Installation 1.7" - Operating	400 lbs - Installation 130 lbs - Operating
CWF-DMT006**T	6	blue, orange, green, brown, grey, white	.240"	22 lbs/Mft	3.8" - Installation 1.9" - Operating	400 lbs - Installation 130 lbs - Operating
CWF-DMT008**T	8	blue, orange, green, brown, grey, white, red, black	.260"	25 lbs/Mft	4.1" - Installation 2.0" - Operating	400 lbs - Installation 130 lbs - Operating
CWF-DMT012**T	12	blue, orange, green, brown, grey, white, red, black, yellow, purple, rose, aqua	.260"	24 lbs/Mft	4.1" - Installation 2.6" - Operating	470 lbs - Installation 160 lbs - Operating

The DMT-T series are optical fiber cables in a heavy-duty tactical construction. Built for use in portable or hostile environments, the DMT-T cables feature a rugged polyurethane outer jacket, an aramid strength member, and high strength fiber coatings and buffers. The single-mode versions are made from bend tolerant glass that is less susceptible to micro-bending attenuation. Together these materials deliver significantly improved flex-life, crush resistance and tensile strength when compared to typical permanent installation multi-strand fiber cables. The DMT-T series is available in two, four, six, eight and twelve strand versions.