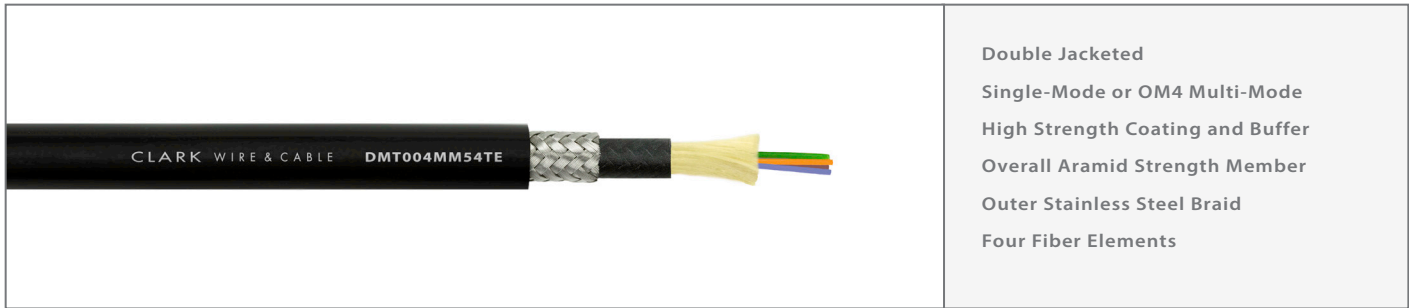


DMT-TE Series

Double Jacketed, Extreme Tactical Optical Fiber Cable

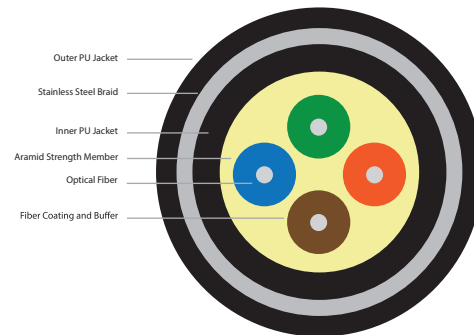


- Double Jacketed
- Single-Mode or OM4 Multi-Mode
- High Strength Coating and Buffer
- Overall Aramid Strength Member
- Outer Stainless Steel Braid
- Four Fiber Elements

Part Number: **CWF-DMT004(**)TE** (see below for variations)
Description: **Double Jacketed, Extreme Tactical Optical Fiber Cable**

Materials & Dimensions

Fiber Type and Part Number Code	SM = Single-Mode 9um. Bend Tolerant MM54 = Multi-Mode 50u OM4
Number of Elements	4 (blue, orange, green, brown)
Cladding	Glass, 125um diameter
Primary Coating	UV Cured Acrylate, 245um diameter
Secondary Buffer	Hard Elastomeric Tight Buffer, 900um diameter
Overall Strength Member	Aramid Yarn
Inner Jacket	Polyurethane
Outer Braid	Stainless Steel
Outer Jacket	Gloss Polyurethane, .335" O.D.



Performance Characteristics

Impedance Resistance	Crush Resistance	Proof Test Levels	Operating Temperatures	Weight	Bend Radius (min.)	Tensile Load (max.)
1500 impacts (EIA-455-25A)	1800 N/cm (EIA-455-41A)	100 kpsi	-40°C to 85°C	80 lbs/Mft	3.5" - Installation 1.7" - Operating	400 lbs - Installation 130 lbs - Operating

The DMT-TE series is a double jacketed tactical fiber cable for use in optical fiber cables in portable or hostile environments. It features a rugged polyurethane outer jacket, stainless steel braid, polyurethane inner jacket, 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.