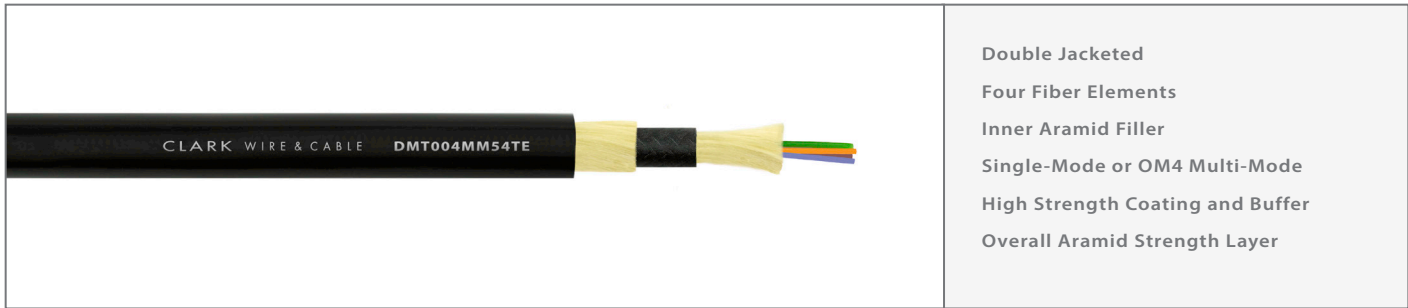


DMT004TE Series

Double Jacketed, Four-Channel Extreme Tactical Fiber

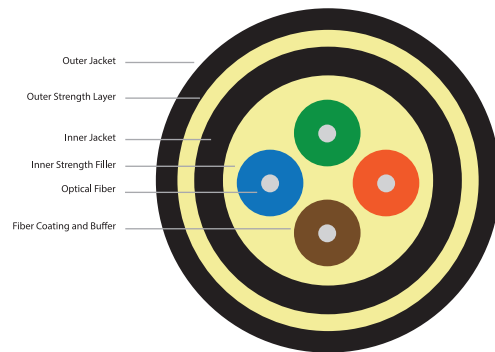


- Double Jacketed
- Four Fiber Elements
- Inner Aramid Filler
- Single-Mode or OM4 Multi-Mode
- High Strength Coating and Buffer
- Overall Aramid Strength Layer

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
Inner Strength Filler	Aramid Yarn
Inner Jacket	Polyurethane
Outer Strength Element	Aramid Yarn
Outer Jacket	Proprietary Ruggedized Polyurethane, .335" O.D.



Performance Characteristics

Impact Resistance	Crush Resistance	Cyclic Flexing	Operating Temperatures	Weight	Bend Radius (min.)	Tensile Load (max.)
200 impacts / 5kg (MIL-PRF 85045G)	4000 N/cm (MIL-PRF 85045G)	3000+ Cycles	-46°C to 85°C	43 lbs/Mft	3.5" - Installation 1.7" - Operating	550 lbs - Installation 130 lbs - Operating

The DMT004TE 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, aramid outer layer, 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.