

Motion Control

Thermo-Trex® High Temperature Shielded VFD Reeling Cable

Thermo-Trex High Temperature Shielded VFD Reeling Cable is designed for use in VFD, power and control applications. Nickel-plated tinned copper conductors and a braided shield for high temperature resistance and equipment protection against RF interference, EMI noise, voltage spikes and reflected waves. The double pass, aramid reinforced jacket offers mechanical strength in reeling applications

Ratings



Max Conductor Temperature: 200°C

Cold Temperature Rating: -40°C

600V

Performance Characteristics

- ✓ Bend Radius (Static): 6x Cable O.D.
- ✓ Bend Radius (Dynamic): 8x Cable O.D.
- ✓ Corona Resistant to 2000V

Engineered to Resist

- Flexing
- Abrasion
- Impact
- Tension
- Chemicals
- High Temperature

Features & Benefits

Finely Stranded Nickel-Plated Copper Conductors

Fine stranding improves flex-life and reduces conductor fatigue and breakage. Nickel-plated conductors allow for high heat resistance.

Specially Compounded Silicone Insulation

High tensile and mechanical properties provide resistance to heat, moisture and chemicals.

Nickel-Plated Copper Braid Overall Shield Plus Aluminum/Polyester Foil Shield Construction on Control Pairs

Provides protection against RF and EM interference and a low impedance to ground. Protects equipment and motor damage from electrical noise and 'stray voltage'.

Silicone Insulated Aramid Fiber Reinforced Center Strength

Provides exceptional support in pulling, reeling and pendant applications. Improves tensile strength, reduces conductor fatigue and maximizes cable life.

Reinforced Aramid Braid Embedded in Jacket

Reinforced with an aramid fiber braid for maximum tensile strength and resistance to twisting, essential for reeling applications.

Specially Compounded Silicone Jacket

Offers superior first line defense against tearing, abrasion and impact. Resistant to oils and many industrial chemicals.

Ordering Information

For complete product ordering information, please scan the QR Code or contact your TPC sales representative

Part No.	Configuration (AWG/Conductor Count)	Brake & Signal Pairs	Ampacity	Nominal O.D. (in.)	Weight per 1,000 ft. (lbs.)	Standard Cable Gland
SC344979	6/4	16/2	110	1.40	1,100 lbs/1000 ft.	55014

