



MKR-TC Series Datasheet

The JackReel MKR-TC series delivers professional-grade networking in a ready-to-deploy package. Using Belden DataTuff 7923A premium Cat5e cable, it delivers consistent data transfer up to 1 Gbps with minimal signal loss—ideal for office networks, live events, or field setups. Its rugged PVC jacket handles harsh conditions, oil exposure, and outdoor use with MSHA certification for demanding environments. Housed on a rugged JackReel-3 cable reel, it's easy to deploy, rewind, and transport while protecting the cable from damage and tangling.

Features:

- Sunlight and Oil-Resistant PVC Outer Jacket
- Indoor/outdoor rated for versatile installations
- UL CMR (Riser) and CMX-Outdoor rated
- Durable JackReel construction allows for repeated field use



Export Information
Country of Origin: USA
US ECCN: EAR99
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US Dept. of Commerce CCATS: N.a
A Division of Tower Products Incorporated
Revision #01



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Specifications:

Belden DataTuff Cat5e Cable:

- Number of Pairs: 4
- Conductor Size: 24 AWG
- Conductor Stranding: Solid
- Conductor Material: Bare Copper (BC)
- Insulation Material: Polyolefin (PO)
- Bonded-Pair: Yes
- Outer Jacket Material: Polyvinyl Chloride (PVC)
- Outer Jacket Nom. Diameter: 0.230in (5.84mm)
- Outer Jacket Ripcord: Yes
- Overall Cable Nom. Diameter: 0.230in (5.84mm)
- Max. Conductor DCR: 93.8 Ohm/km (28.6 Ohm/1000ft)
- Max. Capacitance Unbalance: 66 pF/ft
- Max. Delay: 510 ns/100m
- Max. Delay Skew: 25 ns/100m
- Nom. Velocity of Prop %: 70
- Attenuation:
 - 7.7 dB/100m @ 10MHz
 - 26 dB/100m @ 100MHz
 - 53.2 dB/100m @ 350MHz
- UL Voltage Rating: 300 V (CMR)
- Temperature:
 - Operating: -40°F to 167°F (-40°C to 75°C)
 - Installation: -13°F to 167°F (-25°C to +75°C)
 - Storage: -13°F to 167°F (-25°C to +75°C)
- Stationary Min. Bend Radius: 2.5in (64mm)
- Max. Pull Tension: 40lbs (18 kg)

Eclipse RJ45:

- 50 µin gold

JackReel-3:

- Overall Reel Height: 15"
- Outer Hub Diameter: 10.75"
- Frame Material: Steel
- Reel Material: High Impact Thermo-Plastic