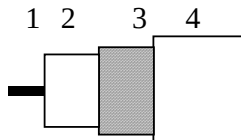


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APPLICATION

Coaxial communication cable based on MIL-C-17.

CONSTRUCTION



- | | | |
|---|-----------------|---|
| 1 | Inner conductor | Silver plated, copper clad steel |
| 2 | Dielectric | Solid PE |
| 3 | Braid | Tinned copper |
| 4 | Sheath | PVC according the European Standard HD 624. |

REQUIREMENTS AND TEST METHODS

Test methods in accordance with European standard EN 50289.

Mechanical characteristics

- | | |
|-----------------------------------|-------------------|
| 1. Inner conductor. | 7 x 0.1 mm |
| Diameter: | 0.3 mm ± 0.02 mm |
| 2. Dielectric: | |
| Diameter: | 0.84 mm ± 0.15 mm |
| 3. Outer conductor: | |
| Diameter screen: | 1.37 mm ± 0.15 mm |
| Coverage braid: | 95 % ± 4 % |
| 4. Sheath: | |
| Diameter: | 1.8 mm ± 0.1 mm |
| 5. Cable: | |
| Storage/operating temperature: | -25°C to +70°C |
| Minimum installation temperature: | -5 °C |
| Total weight: | 8.5 g/m |

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Electrical characteristics

Mean characteristic impedance:	$50 \pm 2 \Omega$
Regularity of impedance:	$> 40 \text{ dB}$
DC resistance inner conductor:	$\leq 802 \text{ Ohm/km}$
Capacitance:	$100 \text{ pF/m} \pm 3 \text{ pF/m}$
Nominal velocity of propagation:	66%
Voltage Rating	
DC:	1.0 kVdc
RMS	0.6 kVrms

Nominal Attenuation:

10 MHz:	19 dB/100m
200 MHz:	63 dB/100m
400 MHz:	92 dB/100m
1000 MHz:	151 dB/100m



Belden CDT believes this product to be in compliance with the environmental regulations EU RoHS (Directive 2002/95/EC, 27 January 2003); this is valid for all material produced after the RoHS compliant date for this product.