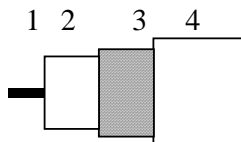
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APPLICATION

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 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.

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