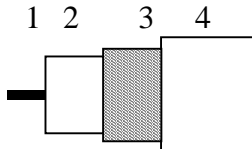
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APPLICATION

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:	1.6 mm ± 0.15 mm
3. Outer conductor:	
Diameter screen:	2.0 mm ± 0.15 mm
Coverage braid:	85 % ± 4 %
4. Sheath:	
Diameter:	2.8 mm ± 0.1 mm
5. Cable:	
Storage/operating temperature:	-25°C to +70°C
Minimum installation temperature:	-5 °C

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Electrical characteristics

Mean characteristic impedance: $75 \pm 3 \Omega$
 Regularity of impedance: $> 40 \text{ dB}$
 DC resistance inner conductor: $\leq 802 \text{ Ohm/km}$
 Capacitance: $67 \text{ pF/m} \pm 3 \text{ pF/m}$
 Nominal velocity of propagation: 66%
 Voltage Rating
 DC: 2.0 kVdc
 RMS: 1.0 kVrms

Nominal Attenuation:
 10 MHz: 15 dB/100m
 100 MHz: 27 dB/100m
 1000 MHz: 85 dB/100m

REVISIONS

#	Description	Date	Initials



Belden declares 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.