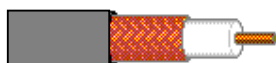
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APPLICATION
ANALOG VIDEO/CCTV.

SUITABILITY
Indoor.



CONSTRUCTION

1. COAX 6/U

1.1. Conductor

nominal conductor diameter	1.02 mm (AWG18)
Material	solid bare copper

1.2. Dielectric

Material	Foamed PE
Nominal diameter over dielectric	4.57 mm

1.3. Shield


Type	Braid
Material	Bare – Cu
Coverage	95%

3. Sheath

Material	FRNC/LSZH
Colour	Grey
Nominal thickness	0.70 mm
Nominal diameter	6.75 mm

ELECTRICAL REQUIREMENTS AND TEST METHODS

Nom. characteristic impedance	75 Ω
Nominal resistance conductor	21 Ω /km
Nominal resistance shield	16.4 Ω /km
Nom. capacitance cond. to shield	53.4 pF/m
Nominal delay	4.0 ns/m
Nominal velocity of propagation	83 %
Testvoltage conductor-conductor	2500 VDC, 3 seconds
Testvoltage conductor-screen	2500 VDC, 3 seconds
Voltage rating	300 V RMS

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Attenuation:

Freq. (MHz)	1	10	50	100	200	400	700	900	1000
Nom. Att. (dB/100 m)	0.78	2.10	4.92	6.56	9.51	13.8	18.4	21.0	23.0

Mechanical and physical:

Flame resistance	IEC 60332-1
Temperature range processing and operating	-30 to +70 °C
Temperature range storage	-30 to +70 °C
Minimum bending/setting radius	10*D/5*D
Maximum pulling tension	30N
Halogen content according to IEC60754-1	zero
Corrosivity of fire gasses according to IEC60754-2	
Conductivity	≤ 100 μS/cm
pH value	≥ 3.5



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.