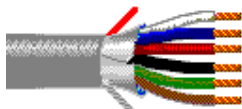
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## APPLICATION

Intercom/PA Systems, Sound/Audio Systems.

## CONSTRUCTION




<b>1. Conductor</b>	
Diameter of conductor	0.75mm (AWG22)
Material	stranded bare copper (7xAWG30)
<b>2. Insulation</b>	
Material	PE
Diameter over insulation	1.25 ± 0.05 mm
Wallthickness	0.25 mm
<b>3. Overall Cabling</b>	
Colour code	black-red-white-green-brown-blue-orange-yellow-purple-gray
<b>4. Outer shield</b>	
Shield	Beldfoil®)
Shield Material	Aluminium / Polyester tape
Shield Thickness Alu	9 µm
Shield coverage	100%
Drainwire	AWG24 (7xAWG32) tinned Cu
<b>4. Sheath</b>	
Material	FRNC
Colour	Grey
Nominal thickness	0.38 mm
Nominal diameter	5.80 mm

## REQUIREMENTS AND TEST METHODS

### Electrical:

Nominal resistance conductor	54 Ω/km
Nominal resistance shield	46 Ω/km
Nom. capacitance conductor to conductor @ 1kHz	100 pF/m
Nom. capacitance cond. to shield + other cond. @ 1kHz	185 pF/m
Testvoltage conductor-conductor	2500 VDC, 3 seconds
Testvoltage conductor-screen	2500 VDC, 3 seconds
Voltage rating	300 V RMS
Maximum continues current per conductor @ 25 °C	2.0 A per conductor @ 25 °C

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**Mechanical and physical:**

Flame resistance	u.c.
Temperature range processing and operating	-20 to +70 °C
Temperature range storage	-30 to +70 °C
Minimum bending/setting radius	5*D/10*D
Maximum pulling tension	200 N



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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