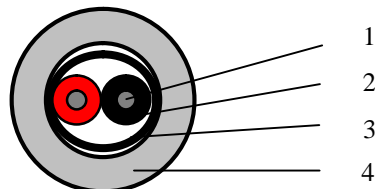
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APPLICATION

Instrumentation and computer cable for data transmission applications.

CONSTRUCTION



1. Conductor	AWG20 (7xAWG28) tinned Cu
2. Insulation	
Material	Flame retardant polyethylene
Diameter over insulation	1.65 ± 0.05 mm
Colour of insulation	Black and red
3. Foil	
Material	Polyester
Thickness	23 µm
4. Sheath	
Material	FRNC (UV stabilised)
Colour	Chrome (like RAL 7037)
Nominal thickness sheath	0.89 mm
Nominal diameter sheath	4.65 mm


REQUIREMENTS AND TEST METHODS

Electrical:

Nominal resistance conductor	32.8 Ω/km
Nominal capacitance conductor to conductor	80.4 pF/m
Test voltage conductor-conductor	2500 VDC, 3 seconds
Voltage rating	300 V RMS
Maximum continues current per conductor @ 20 °C	3.7 A

Mechanical and physical:

Flame resistance	IEC 60332-3C
Oil resistance	ASTMD741
Radiation resistance	IEC544 (CERN)
Application specification	BS 7655 section 6.1 table 1, LTS 3
Temperature range installing	-15 to +80 °C
Temperature range operating (moving installation)	-15 to +80 °C
Temperature range operating (fixed installation)	-45 to +80 °C
Temperature range storage	-45 to +80 °C
Minimum bending radius	10 x cable diameter
Maximum pulling tension	127 N

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PACKAGING

On non-returnable reels with a nominal length of 305m (-0, +10%) or on non-returnable reels with a nominal length of 500m (-0, +10%) or on non-returnable reels with a nominal length of 1000m (-0, +10%).

Each reel is labelled with the following data:

Belden Logo. Belden code number. Item description. Length on the reel. Date of manufacture. CE-marking.



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.