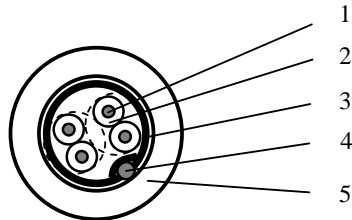
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APPLICATION

Instrumentation and computer cable for EIA RS-232 data transmission applications.

CONSTRUCTION




1. Conductor	AWG24 (7xAWG32) tinned Cu
2. Insulation	
Material	PVC
Diameter over insulation	1.12 ± 0.05 mm
Colour of insulation	Pair 1: Black and red Pair 2: Black and white
3. Foil (Beldfoil®)	
Material	Aluminium / Polyester
Thickness	9 / 12 µm
4. Drainwire	AWG20 (7xAWG28) tinned Cu
5. Sheath	
Material	PVC
Colour	Chrome 060
Minimum wall thickness	0.61 mm
Minimum average wall thickness	0.762 mm
Nominal diameter over sheath	5.50 mm

REQUIREMENTS AND TEST METHODS

Electrical:

Nominal resistance conductor	78.7 Ω/km
Nominal resistance shield	55.8 Ω/km
Nominal capacitance conductor to conductor of a pair	98.4 pF/m
Nominal capacitance conductor to shield + other cond.	164.0 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	1.76 A

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Mechanical and physical:

Flame resistance	UL FT4, CSA FT1
Applicable specification	UL type CMG, AWM 2464, CEC C(UL) CMG, AWM I/A P-MSHA-SC-7K-182037
Temperature range processing and operating	-15 to +80 °C
Temperature range storage	-30 to +80 °C
Minimum bending radius	10 x cable diameter
Maximum pulling tension	100 N

*Nominal values are for information only.

MARKING

Colour code 2848: chrome sheath with text 'BELDEN V 9502 CMG 2PR24 SHIELDED (UL) E108998 OR AWM 2464 OR C(UL) CMG FT4---LL7874 CSA AWM I A 80C 300V FT1'

PACKAGING

On non-returnable reels with a length of 31 m (± 0%) or on non-returnable reels with a length of 153 m (± 0%) or on non-returnable reels with a length of 305 m (± 0%) or unreel package with a length of 153 m (± 0%) or unreel package with a length of 305 m (± 0%).

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 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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