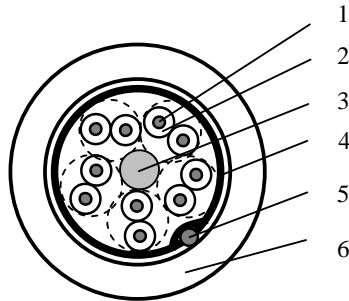


APPLICATION

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

CONSTRUCTION




<p>1. Conductor</p>	<p>AWG24 (7xAWG32) tinned Cu</p>
<p>2. Insulation Material Diameter over insulation Colour of insulation</p>	<p>PVC 1.12 ± 0.05 mm Pair 1: Black and red Pair 2: Black and white Pair 3: Black and green Pair 4: Black and blue Pair 5: Black and yellow</p>
<p>3. Filler Material Nominal diameter Colour</p>	<p>Polypropylene 1.90 mm White</p>
<p>4. Foil (Beldfoil®) Material Thickness</p>	<p>Aluminium / Polyester 9 / 23 µm</p>
<p>5. Drainwire</p>	<p>AWG20 (7xAWG28) tinned Cu</p>
<p>6. Sheath Material Colour Minimum wall thickness Minimum average wall thickness Nominal diameter over sheath</p>	<p>PVC Chrome 060 0.61 mm 0.762 mm 6.90 mm</p>

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

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Maximum continuous current per conductor @ 25 °C 1.5 A

Mechanical and physical:

Flame resistance	UL FT4, CSA FT1
Applicable specification	UL type CMG, AWM 2464, CEC C(UL) CMG, AWM I/A
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	250 N

*Nominal values are for information only.

MARKING

Colour code 2851: chrome sheath with text ‘BELDEN V 9505 CMG 5PR24 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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