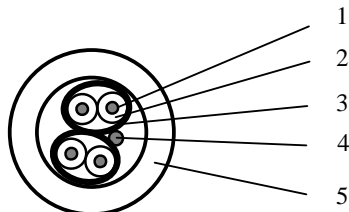
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## APPLICATION

Instrumentation and computer cable for data transmission applications.

## CONSTRUCTION



<b>1. Conductor</b>	AWG22 (7xAWG30) tinned Cu
<b>2. Insulation</b>	
Material	Polypropylene
Diameter over insulation	1.17 ± 0.05 mm
Colour of insulation	Pair 1: Black and red Pair 2: Green and white
<b>3. Foil (Z-fold®)</b>	
Material	Aluminium / Polyester
Thickness	9 / 12 µm
<b>4. Drainwire</b>	AWG24 (7xAWG32) tinned Cu
<b>5. Sheath</b>	
Material	PVC
Colour	Chrome 060
Thickness of sheath	0.51 ± 0.16 mm
Nominal diameter over sheath	4.27 mm


## REQUIREMENTS AND TEST METHODS

### Electrical:

Nominal resistance conductor	49.2 Ω/km
Nominal resistance shield	54.5 Ω/km
Nominal capacitance conductor to conductor of a pair	114.8 pF/m
Nominal capacitance conductor to shield + other cond.	203.4 pF/m
Nominal inductance of pair	0.56 µH/m
Nominal impedance	45 Ω
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	2.3 A

### Mechanical and physical:

Flame resistance	UL 1581 Vertical Tray
Applicable specification	UL type CM, CEC C(UL) CM
Temperature range processing and operating	-15 to +60 °C
Temperature range storage	-30 to +60 °C

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Minimum bending radius  
Maximum pulling tension

10 x cable diameter  
226 N

### MARKING

Colour code 2906: chrome sheath with text 'BELDEN V 8723 CM 2PR22 SHIELDED (UL) E108998 C (UL)'

### PACKAGING

On non-returnable reels with a length of 31 m ( $\pm 0\%$ ) or on non-returnable reels with a length of 153 m ( $\pm 0\%$ ) or on non-returnable reels with a length of 305 m ( $\pm 0\%$ ) or on non-returnable reels with a length of 1000 m ( $\pm 0\%$ ) or unreel package with a length of 153 m ( $\pm 0\%$ ) or unreel package with a length of 305 m ( $\pm 0\%$ ).

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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