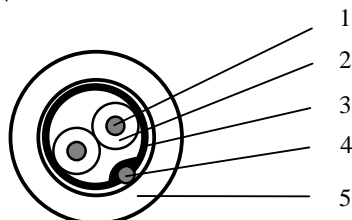
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## APPLICATION

Instrumentation and computer cable for data transmission applications.

## CONSTRUCTION



<b>1. Conductor</b>	AWG18 (16xAWG30) tinned Cu
<b>2. Insulation</b>	
Material	Polyethylene
Diameter over insulation	2.08 ± 0.05 mm
Colour of insulation	Black and clear
<b>3. Foil (Beldfoil®)</b>	
Material	Aluminium / Polyester
Thickness	9 / 12 µm
<b>4. Drainwire</b>	AWG20 (7xAWG28) tinned Cu
<b>5. Sheath</b>	
Material	PVC
Colour	Chrome 060
Thickness of sheath	0.71 ± 0.10 mm
Diameter over sheath	5.64 ± 0.20 mm


## REQUIREMENTS AND TEST METHODS

### Electrical:

Nominal resistance conductor @ 20 °C	21.3 Ω/km
Nominal capacitance conductor to conductor	98 pF/m
Nominal capacitance conductor to shield + other cond.	144.4 pF/m
Nominal impedance	60 Ω
Nominal loop inductance	0.591 µH/m
Nominal velocity of propagation	66 %
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	5.3 A

### Mechanical and physical:

Flame resistance	UL 1581 vertical tray
Applicable specifications	UL type CM or AWM 2092, 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  
281 N

### MARKING

Colour code 2892: chrome sheath with text 'BELDEN V 8760 CM 1PR18 SHIELDED (UL) E108998 OR AWM 2092 OR C(UL) CM'

### PACKAGING

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 610 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.