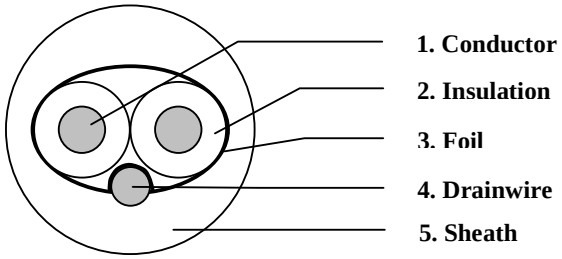
APPLICATION

Instrumentation and computer cable for data transmission applications.

CONSTRUCTION



1.	**Conductor**	AWG16 (19xAWG29) tinned Cu
2.	**Insulation**	
	Material	Polyethylene
	Diameter over insulation	3.10 ± 0.07 mm
	Colour of insulation	Black and Transparent
3.	**Foil**	
	Material	Aluminium / Polyester
	Thickness	9 / 23 µm
4.	**Drainwire**	AWG18 (16xAWG30) tinned Cu
5.	**Sheath**	
	Material	FRNC
	Colour	Chrome (like RAL 7037)
	Nominal diameter	8.1 +/- 0.2 mm

REQUIREMENTS AND TEST METHODS

Electrical:

Max. continuous current per conductor @ 25 ˚C	7 A
Nominal capacitance conductors of pair @ 1 kHz	75.4 pF/m
Nominal capacitance conductor to shield @ 1 kHz *	144.4 pF/m
Nominal inductance of pairs	0.66 µH/m
Nominal resistance conductor	14.76 Ω/km
Nominal resistance shield	20.00 Ω/km
Nominal impedance	65 Ohm

*One conductor to other conductor and shield.

#Nominal Values are for information only.

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
Halogen content according to IEC754-1	zero
Corrosivity of fire gasses according to IEC754-2	
Conductivity	≤ 100 µS/cm
pH value	≥ 3.5
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
Nominal weight	approx. 9.5 kg/100m

MARKING

Text: Inkjet printing in blue

BELDEN V 8719NH 1PR 16AWG SHIELDED LSNH IEC 332-3C xxmm

xx = jaartal +15
mm= maand

PACKAGING

On non-returnable reels with a nominal length of 1000m (-0, 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.