



**Description**

20 AWG (7\*28) tinned copper, pe insulated, 1 twinax, duofoil Aluminium-Polyester-Aluminium shield  
85% tinned copper braid, LSNH jacket

**Dimensions**

Nom. insulation Thickness	.53	mm
Nom. diameter over insulation	2.11	mm
Twisted pair lay length	58	mm
Nom. Jacket thickness	0.89	mm
Nom. outer diameter	8.7	mm

**Electrical characteristics**

Max. operating voltage	300	V Rms
Nom. Capacitance between conductors of a pair @ 1	50.9	nF/km
Nom. capacitance conductor to shield @ 1 kHz	75.5	nF/km
Nom. Conductor DC resistance @ 20 Deg. C	31.2	Ohm/km
Nom. Shield DC resistance @ 20 Deg. C	6.6	Ohm/km
Velocity of propagation	66	%
Nom. Impedance @ 1 MHz	100	Ohm
Nom. Attenuation		dB/100 meter
@1 MHz 1dB/100m @ 10MHz 3.9 dB/100m @ 50 MHz 9.2 dB/100m @ 100 MHz 13.5 dB/100m @200 MHz 21.0 dB/100m @ 400 MHz 33.5 dB/100m		

**Physical characteristics**

Temperature rating	-15 to +80	Deg. C
Insulation material	Pe	
Jacket material (color)	LSNH (Black)	
Type shield and % coverage	Aluminium-polyester-Aluminium 100%	
Max. pulling tension	500	N
Min. bend radius	90	mm
Applicable specifications	BS 7655 Section 6.1 Table 1 LTS 3	
Flame resistance	IEC 332-1	

**Color code**

1 tinned copper one bare copper

**Application**

**Product datasheet**

page 2 of 2  
date 10/20/00

**9207NH**



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Instrumentation and computer Twinax for Data transmission Applications (Label contains Ce marking)