



Description

20 AWG (7*28) Tinned copper, Pe insulated, Twinax , Beldfoil Aluminium-polyester shield, 20 AWG (7*28) tinned copper drain wire, 55% tinned copper braid,LSNH jacket

Dimensions

Nom. insulation Thickness	0.48	mm
Nom. diameter over insulation	1.96	mm
Twisted pair lay length	74	mm
Nom. Jacket thickness	0.89	mm
Nom. outer diameter	6.4	mm

Electrical characteristics

Max. operating voltage	300	V Rms
Nom. Capacitance between conductors of a pair @ 1	64.6	nF/km
Nom. capacitance conductor to shield @ 1 kHz	116	nF/km
Nom. Conductor DC resistance @ 20 Deg. C	31.0	Ohm/km
Nom. Shield DC resistance @ 20 Deg. C	13.4	Ohm/km
Velocity of propagation	66	%
Nom. Impedance @ 1 MHz	78	Ohm
Nom. Attenuation		dB/100 meter
@ 1MHz 2.0 dB/100m @ 10 MHz 6.9 dB/100m @ 50 MHz 16.4 dB/100m @ 100 MHz 24.6 dB/100m @ 200MHz 36.1 dB/100m @ 400 MHz 52.5 dB/100m		

Physical characteristics

Temperature rating	-15 to +80	Deg. C
Insulation material	Pe	
Jacket material (color)	LSNH (Blue)	
Type shield and % coverage	Aluminium-Polyester 100% Tinned copper braid 55%	
Max. pulling tension	200	N
Min. bend radius	65	mm
Applicable specifications	BS 7655 section 6.1 Tabe 1 LTS 3	
Flame resistance	IEC 332-3-C	

Color code

Blue & Clear

Application

Product datasheet

page 2 of 2
date 10/20/00

9463NH



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