



Product: 9501NH ☑

RS-232, 1PR #24 Str TC, PO ins, OS, LSZH Jkt, 300V, Dca

Product Description

24 AWG stranded (7x32) TC conductors, PE insulation, twisted pairs, overall Beldfoil shield (100% coverage), 24 AWG stranded TC drain Wire, LSZH jacket, Flame resistance IEC 60332-3C

Technical Specifications

Suitable Applications:				Instrumentati	on and computer cable;	For EIA RS-232 o	data transmission application	
hys	ical Char	acteristics	(Overall)					
Condu	ctor							
AWG	Stranding	Materia	No. of Pairs	•				
24	7x32	TC - Tinned C	Copper 1					
Cond	uctor Count:				2			
nsulat	ion							
IV	laterial	Nominal Diar	meter Diameter +/-	Tolera	nce			
PE - F	PE - Polyethylene 1.12 mm 0.05 mm							
Numb Pair 1 Outer								
Type	Ma	terial	Material Trade Nar	ne Thi	ckness of Foi	Drainwire Material	Drainwire AWG	
Tape	Bi-Laminate	(Alum+Poly)	Beldfoil®	9 /	12 µm	TC - Tinned Copper	AWG24/7	
Outer .	Jacket							
		Material		Nomin	al Diameter I	Nominal Wall Thicknes	ss	
	LSZH - Low Smoke Zero Halogen (Flame Retardant) 4.15 mm 0.9 mm							

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCF
78.7 Ohm/km	59.1 Ohm/km

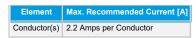
Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
131.2 pF/m	242.8 pF/m

Impedance

Frequency [MHz]	Nominal Characteristic Impedance
N/A	75 Ohm

Current



Voltage

Voltage Rating [V] 300 V

Temperature Range

Installation Temperature Range:	-15°C To +80°C
Storage Temperature Range:	-45°C To +80°C
Operating Temp Range (Flexible Install):	-15°C To +80°C
Operating Temp Range (Fixed Install):	-45°C To +80°C

Mechanical Characteristics

Oil Resistance:	IEC 60811-404
Max. Pull Tension:	50 N
Min. Bend Radius During Installation:	41.5 mm

Standards

CPR Euroclass:	Dca-s1,d1,a1
CENELEC Compliance:	EN 50290-2-20

Applicable Environmental and Other Programs

Environmental Space:	Indoor - Euroclass Dca

Suitability

Suitability - Sunlight Resistance:	Yes
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Flammability, LS0H, Toxicity Testing

IEC Flammability:	IEC 60332-1-2, IEC 60332-3-24
IEC 60754-1 - Halogen Amount:	Zero
IEC 60754-2 - Halogen Acid Gas Amount - Max. Conductivity:	2.5 μS/mm
IEC 60754-2 - Halogen Acid Gas Amount - Min. pH:	4.3
IEC 61034-2 - Smoke Density Min. Transmittance:	60%

Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	EAN
9501NH.00152	Chrome	Reel	152 m	8719605020819
9501NH.00305	Chrome	Reel	305 m	8719605020826
9501NH.00500	Chrome	Reel	500 m	8719605020833
9501NH.001000	Chrome	Reel	1,000 m	8719605020802

History

Update and Revision:	Revision Number: 0.213 Revision Date: 12-16-2022

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