



**UL 2919 RS485
(2X2X24 AWG Shielded Twisted Pair)**

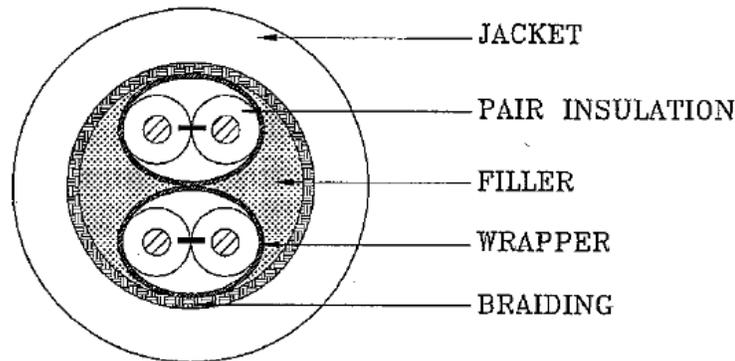
**P/N:10100038
Version: 1**

Applications

Cable incorporates low capacitance insulation with one of the highest levels of screening to provide high speed, interference free, data transmission for RS485 data connection

Electrical Specification

- Temperature Operating Range: -15°C to + 80°C
- Maximum Operating Frequency, MHz 1000
- Cable compliance to RoHS.



Design

1) Conductors:

Annealed compacted tinned copper wires

Strands Combinations	Conductor Stranded Diameter	Cross Section Area
mm	mm	mm ²
7/0.20	0.6	0.2199

2) Insulation:

Extruded High Density Foamed Polyethylene (Foamed PE)

Insulation Diameter: 1.50 ± 0.08 mm

Identification:

For insulation color: Standard



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3) Wrapper:

The bedding shall be wrapped with Aluminum Mylar (Width 30mm to 40mm)

4) Filler:

PP String 8000#

5) Braiding:

Material: Tinned Copper Wire

Composite: 24 x 10 x 0.12 mm

6) Outer Sheath

With material Polyvinyl chloride (PVC)

Color: Grey

Nexans PN	Jacket Material	Jacket Diameter	Jacket Nominal Thickness
		mm	mm
10100038	PVC	7.80± 0.40	0.76

Marking (Ink jet)

NEXANS RS 485  AWM ST 2919 E493574-S VW-1 80°C 300V 2x2x24 AWG YR/WW ROHS XXXM

Color: White