



**Product:** [AUUTPA3799](#) 

AUTOMOTIVE ETHERNET SPE 100MBPS 1P 26AWG J/UTP PVC

**Product Description**  
AUTOMOTIVE ETHERNET SPE 100MBPS 1P 26AWG J/UTP PVC

**Technical Specifications**

**Product Overview**

Suitable Applications:	Automotive Ethernet
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**Construction Details**

**Conductor**

Size	Stranding	Material	No. of Pairs
26 AWG	7x34	TC - Tinned Copper	1

**Insulation**

Material	Nom. Insulation Diameter	Color Code
PP - Polypropylene	0.88 mm (0.035 in)	Natural & Natural/Blue

**Outer Jacket**

Material	Nom. Diameter
PVC - Polyvinyl Chloride	3.00 mm (0.118 in)

**Electrical Characteristics**

**Electricals**

Max. Conductor DCR	Nom. Characteristic Impedance
150 Ohm/km (46 Ohm/1000ft)	100 Ohm

**High Frequency**

Frequency [MHz]	Max. Insertion Loss (Attenuation) [dB]	Min. RL (Return Loss) [dB]
1	0.06	20.0
10	0.16	
20		20.0
33	0.31	
66	0.45	14.8

**Voltage**

Voltage Rating
60 V

**Mechanical Characteristics**

**Temperature**

Operating
-40°C To +105°C

Bulk Cable Weight:	11.4 kg/km (7.66 lbs/1000ft)
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Standards and Compliance

Flammability / Reaction to Fire:	FT2
IEEE Compliance:	IEEE 802.3bw
Data Category:	SPE 100 Mbps

Product Notes

Notes:	Cabling: 2C, Direction: S, Pitch: lt/=15
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History

Update and Revision:	Revision Number: 0.63 Revision Date: 08-13-2024
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