



Product: [5A4B40001](#)

OSDP Card Reader Cable, 1 Pr #22 Str TC+2C #16 Str BC, Foam PE+PP Ins, Tape Shield, LSZH Jkt, IEC 60332-1-2

Product Description

OSDP Card Reader Cable, 1 Pair 22 AWG Stranded(7x30) tinned copper +2C #16 AWG Stranded(19x29) Bare Copper, Foam PE+PP Insulation, Tape Shield, LSZH Jacket, IEC 60332-1-2

Technical Specifications

Product Overview

Suitable Applications:	Instrumentation and computer cable. For OSDP EIA RS-485 transmissions applications
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Construction Details

Conductor				
Element	No. of Elements	Size	Stranding	Material
Pair(s)	1	22 AWG	7x30	TC - Tinned Copper
Single(s)	2	16 AWG	19x29	BC - Bare Copper

Insulation			
Element	Material	Nom. Insulation Diameter	Color Code
Pair(s)	PE - Polyethylene (Foam)	2.40 mm (0.0945 in)	Green*White
Single(s)	PP - Polypropylene	1.85 mm (0.0728 in)	Red, Black

Outer Shield			
Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	24 AWG (7x32) TC

Outer Jacket	
Material	
LSZH - Low Smoke Zero Halogen (Flame Retardant)	
Overall Cable Diameter (Nominal):	8.25 mm (0.325 in)

Electrical Characteristics

Electricals	
Nom. Characteristic Impedence	
120 Ohm	

Voltage	
Voltage Rating	
300 V	

Mechanical Characteristics

Temperature	
UL Temperature	
-20°C~75°C	

Bend Radius	

Installation Min.
82.5 mm (3.25 in)

Standards and Compliance

Environmental Suitability:	Indoor, Non-Halogenated
Flammability / Reaction to Fire:	IEC 60332-1-2
European Halogen Free Standards:	IEC 60754-1 - Halogen Amount = 0.5 %, IEC 60754-2 - Halogen Acid Gas Amount - Max. Conductivity = 10 µS/mm, IEC 60754-2 - Halogen Acid Gas Amount - Min. pH = 4.3

Product Notes

Notes:	Max. Conductor DCR @20°C Ω/km: 22#: 59.7; 16#:14.87
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History

Update and Revision:	Revision Number: 0.12 Revision Date: 09-22-2025
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