



REPRESENTATIVE IMAGE

Product: [82641](#)

RS232, #24-1pr, FEP, O/A Foil, LS-PVC Jkt, CMP

[Request Sample](#)

Product Description

Computer EIA RS-232 Cable, 1-Pair, 24 AWG stranded (7x32) tinned copper conductors, FEP insulation, overall Beldfoil® shield (100% coverage), 24 AWG stranded tinned copper drain wire, Flamarrest® jacket, plenum rated

Technical Specifications

Product Overview

Suitable Applications:	indoor plenum applications; RS-232 applications; computer communications; low voltage analog signals (4-20ma, 0-10v, ...); low voltage digital control (24v, ...); line level audio; panel wiring
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Construction Details

Conductor

Element	Number of Element	AWG	Stranding	Material
Pair(s)	1	24	7x32	TC - Tinned Copper

Insulation

Element	Material	Thickness	Color Code
Pair(s)	FEP - Fluorinated Ethylene Propylene	0.006 in	Black & Red

Outer Shield Material

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

Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.015 in	0.108 in

Cable Diameter (Nominal): 0.106 in

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
Pair(s)	24.1 Ohm/1000ft	31 pF/ft	59 pF/ft	2.2 Amps per Conductor at 25°C

Nom Outer Shield DCR: 17 Ohm/1000ft

Voltage

UL Voltage Rating
300 V (CMP)

Mechanical Characteristics

Temperature

UL Rating	Operating
0°C to +60°C	0°C to +60°C

Bend Radius

Stationary Min.	Installation Min.
1.25 in	1.1 in

Max. Pull Tension:	16 lbs
Bulk Cable Weight:	8 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Flammability / Fire Resistance:	NFPA 262, FT6, IEC 60332-1-2
NEC / UL Compliance:	Article 800, CMP
CEC / C(UL) Compliance:	CMP
CPR Euroclass:	Eca
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	88641
Non-Plenum Number:	8641

History

Update and Revision:	Revision Number: 0.366 Revision Date: 02-16-2021
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