



Product: <u>88105</u> ♂

RS232/422 Low Cap, #24-5pr, FFEP, O/A Foil, PVDF Jkt, CMP, 100Ω

Product Description

Computer EIA RS-232/422 Cable, 5-Pair, 24 AWG stranded (7x32) tinned copper conductors, foam FEP insulation, overall Beldfoil® shield (100% coverage), 24 AWG stranded tinned copper drain wire, fluorocopolymer jacket, plenum rated

Technical Specifications

Product Overview

Suitable Applications:	extreme high temperature environments; rs-232 extended distance applications; rs-422 applications; computer communication; low voltage analog signals (4-20ma, 0-10v,); low voltage digital control (24v,); line level audio; panel wiring

Construction Details

Conductor

Element	Number of Element	AWG	Stranding	Material
Pair(s)	5	24	7x32	TC - Tinned Copper

Insulation

Element	Material	Thickness	Color Code
Pair(s)	FEP - Fluorinated Ethylene Propylene (Foam)		White/Blue Stripe & Blue/White Stripe, White/Orange Stripe & Orange/White Stripe, White/Green Stripe & Green/White Stripe, White/Brown Stripe & Brown/White Stripe, White/Gray Stripe & Gray/White Stripe

Outer Shield Material

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

Outer Jacket Material

	Material	Thickness	Nom. Diameter
Ρ	VDF - Polyvinylidene Fluoride	0.014 in	0.267 in
С	cable Diameter (Nominal): 0.2	267 in	

Electrical Characteristics

Electricals

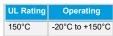
Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Characteristic Impedence	Nom. Velocity of Prop.	Max. Current
Pair(s)	24 Ohm/1000ft	12.95 pF/ft	23.3 pF/ft	100 Ohm	78%	1.54 Amps per Conductor at 25℃
Nom Outer Shield DCR: 14 Ohm/1000ft						

Voltage

UL Voltage Rating 300 V (CMP)

Mechanical Characteristics

Temperature



Bend Radius

Stationary Min.	Installatio	n Min.
2.75 in	2.7 in	
Max. Pull Tensio	n:	60 lbs
Bulk Cable Weig	ht:	40 lbs/

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Fire Resistance:	NFPA 262 Plenum Flame Test (UL910), FT6
NEC / UL Compliance:	Article 800, CMP
CEC / C(UL) Compliance:	CMP
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Liston	

History

Update and Revision: Revision Number: 0.310 Revision Date: 09-30-2020

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