

RS232, 4P 24AWG TC, OSP, PVC, CPR Eca, 500M



Applications:

RS-232 Applications; Computer Communications; Low Voltage Analog Signals (4-20ma, 0-10v, ...); Low Voltage Digital Control (24v, ...); Line Level Audio; Panel Wiring



General

Cable Type	Electronic Cable	
Conductor	Stranded Tinned Copper	
Number of Pairs	4	
Isolation Material	SR-PVC	
Isolation Color	Black, Red; Black, White; Black, Green; Black, Blue	
Shield Material	AL/Poly	
Drain Wire	Stranded Tinned Copper	
Jacket Material	PVC	
Jacket Color(s)	Black	
Print	White ink. legible, cannot be wiped off by fingers	
Packing	500M wooden reel	

Dimensions

Conductor diameter	24AWG	0.020 in
Isolation diameter	1.10 mm	0.044 in
Drain wire diameter	24AWG	0.020 in
Diameter over jacket	6.58 mm	0.259 in
Reel	Flange Diameter	360 mm 14.17 in
	Hub Diameter	100 mm 3.94 in
	Traverse Width	280 mm 11.02 in

Mechanical

Operating Temperature	-20°C to + 60°C	
Bend Radius	Dynamic	66 mm Min.
	Static	66 mm Min.
Pull Tension	50 lbs Max.	

Electrical

Recommended Current (A)	2.2 per Conductor @25°C	
Conductor DC Resistance	94 Ohms / km	28.8 Ohms / kft
Dielectric Strength	1500 Vac 2500 Vdc Min.	
Mutual Capacitance	9.8 nF / 100m	3.0 nF / 100ft
Velocity of Propagation	60%	

Compliance

Applicable	RoHS2.0(2011/65/EU)	
Reaction to fire	IEC 60332-1-2	
	EN 50575:2014+A1:2016 EN 13501-6(Eca)	
Warranty	3 years (indoor)	



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