



ELECTRONIC, 2C 18AWG TC, OSC, PVC, CPR Eca, 100M

Applications:

up to 600V analog signals; up to 600V digital control; line level audio; voice communications; panel wiring



General

Cable Type	Electronic Cable	
Conductor	Stranded Tinned Copper	
Number of Conductors	2	
Isolation Material	HDPE	
Isolation Color	Black, White	
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	100M cardboard reel	

Dimensions

Conductor diameter	18AWG	0.040 in
Isolation diameter	2.64 mm	0.104 in
Drain wire diameter	20AWG	0.032 in
Diameter over jacket	9.02 mm	0.355 in
Coil	Outer Diameter	270 mm 10.63 in
	Center Hole	150 mm 5.91 in
	Height	220 mm 8.66 in

Mechanical

Operating Temperature	-20°C to + 60°C	
Bend Radius	Dynamic	95 mm Min.
	Static	95 mm Min.
Pull Tension	160 lbs Max.	

Electrical

Recommended Current (A)	9.5 per Conductor @25°C	
Characteristic Impedance	58 Ohms	
Conductor DC Resistance	10 Ohms / km	3.0 Ohms / kft
Dielectric Strength	1500 Vac 2500 Vdc Min.	
Mutual Capacitance	7.9 nF / 100m	1.7 nF / 100ft
Inductance	0.66 uH / m	0.20 uH / m

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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