

Part Number	1318	Description	18AWG Solid CCS, Ladder Line
Application	Twin-lead cable is a two-conductor flat cable used as a transmission line to carry radio frequency (RF) signals. Mainly used to connect radio transmitters and receivers to their antennas.		
Compatibility	----		
Approvals/Ratings	ITU-R Regulations		

Construction & Specifications

Materials	Description	Specification / Standard	Cross-section diagram (not to scale)
Conductor	Copper Clad Steel	18AWG (ASTM)	
Dielectric	----	----	
Stranding	1	0.0403in (1.024mm)	
Insulation	Linear Low Density Polyethylene	0.020 in nom wall	
Number of conductors	2	----	
Number of pairs	----	----	
Pair Lay Length	----	----	
Cable Lay Length	----	----	
Shield	----	----	
Drain	----	----	
Jacket Insulation	----	----	
Overall Cable Diameter	----	0.065 x 0.930 in	

Electrical & Environmental Properties



European Directive 2011/65/EU Compliant	Temperature Rating	-40°C to +60°C
	Sunlight Resistant	Yes
	Voltage Rating	300 (V)
	Operating Voltage	----
	Capacitance Between Conductors @ 1 KHz	----
	Capacitance Between Conductor(s) to Shield @ 1KHz	----
	DC Resistance per Conductor @ 20°C	9.71 Ω
	Impedance	450 Ω
	Velocity of Propagation	90.2%
	Attenuation	----(db/1000ft)
	Tensile Strength	----(lbs)
	Elongation	----(%)

Miscellaneous Information

Insulation Color*	Black	Type* & Size*	Packaging* & Pallets*
Pairing Combination*	----	Plastic Spool	Plain Corrugated Carton, Domestic Plywood Pallet
Jacket Color*	----	Plywood Reel	Plain Corrugated Wrap, Domestic Plywood Pallet
Print*	JSC WIRE & CABLE #1318 18 AWG SOLID CCS ROHS MADE IN THE USA <SEQ FT>		
Weight	~22 lbs./ 1000 ft.		
Put Up Length*	100, 500 Ft. 1000-4000 Ft.		

Warranties & Disclaimer

*Items can be customized. The customer accepts all factory lengths and +/- 10 percent of total order required.

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