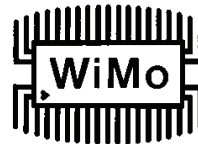




Ladder line 450 Ohm

p/n 40040



"Ladder line" 450 Ω , for feeding of symmetrical antennas (dipoles, G5RV etc.). The conductors are made of solid copperclad steel and offer high tensile strength. Wire diameter 1mm, wire distance 20mm.



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.

Construction & Specifications

Materials	Description	Specification / Standard
Conductor	Copper Clad Steel	18AWG (ASTM)
Stranding	1	0.0403in (1.024mm)
Insulation	Linear Low Density Polyethylene	0.020 nom wall
Number of conductors	2	----
Bending Radius	10 mm	----
Overall Cable Diameter	----	0.065 x 0.930 inches

Electrical & Environmental Properties

European Directive 2011/65/EU Compliant, RoHS compliant, REACH compliant	Yes
Temperature Rating	-40°C to +60°C
Sunlight Resistant	Yes
Voltage Rating	300 Volts
DC Resistance per Conductor @ 20°C	99.76 Ω
Impedance	450 Ω
Velocity of Propagation (%)	90.2%

Miscellaneous Information

Insulation Color*	Black
Weight	~22 lbs./ 1000 ft.
Part No.	40040



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