



**Part Number** 2450      **Description** 14AWG Automotive Wire  
**Application** Low-voltage DC power cable for automotive alarm and stereo  
**Approvals/Ratings** ---  
**Compatibility** Amateur Radio, Robotics, R/C.

## Construction & Specifications

Materials	Description	Specification/Standard	Cross-section diagram (not to scale)
Conductor	Bare Copper	14AWG (ASTM)	
Stranding	41	0.0092 in	
Insulation	Polyvinyl Chloride	0.025 in	
Number of conductors	2	Zip-Cord Construction (Duplex/Bonded)	
Number of pairs	----	----	
Pair Lay Length	----	----	
Cable Lay Length	----	----	
Shield	----	----	
Drain	----	----	
Jacket Insulation	----	----	
Overall Cable Diameter	----	0.120 in x 0.255 in	

## Electrical & Environmental Properties



Registration, Evaluation and Authorisation of Chemicals



Temperature Rating	60°C
Sunlight Resistant	Yes
Water Penetration	----(Psi)
Voltage Rating	300V
Operating Voltage (maximum wiring)	32amps (chassis), 5.9amps (power)
Capacitance Between Conductors @ 1 KHz	----
Capacitance Between Conductor(s) to Shield @ 1KHz	----
DC Resistance per Conductor @ 20°C	2.53 Ω
Impedance	----(Ω)
Velocity of Propagation	----(%)
Attenuation	----(db/1000ft)
Max. Pulling Tension	80 (lbs)
Elongation	30(%)
Tensile Strength @ 37,000 PSI	119(lbs)
Min. Bend Radius/ Minor Axis	----(in)

## Miscellaneous Information

Insulation Color*	Red and Black		
Pairing Combination*	----		
Jacket Color*	----		
Print*	JSC WIRE & CABLE #2450 AUTOMOTIVE ZIP CORD 14AWG ROHS PROUDLY MADE IN THE USA <SEQ FT>		
Weight	36.0 lbs. / 1000 ft.		
Put Up Length*	50 foot increments: 50-500	Type* & Size*	Packaging* & Pallets*
	500foot increments: 500-2000	Plastic Spool	Plain Corrugated Box, Domestic Plywood Pallet
		Plywood Reel	Plain Corrugated Wrap, Domestic Plywood Pallet

## Warranties & Disclaimer

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

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