Product Specification
Cable Type: 18 AWG PVC Insulated Hook-up Wire
Western Wire Part Number: AU101Hxx
Revision: 02/23 Date: 29 March 2023



18 AWG PVC insulated hook-up wire for indoor use in fixed or portable installations and control applications.

Physical Description

Conductor	Stranded 18# annealed tinned copper, 16x0.25 mm nom.
Insulation type	Semi-rigid PVC compound, rated at -20 to +80°C.
Insulation thickness	0.43 mm nom.
Insulation OD	2.2±0.1 mm.
Color	Per request - see table below
Surface Marking	WESTERN WIRE AU101Hxx 18 AWG 60V FR IEC 60332-1 HOOK-UP WIRE 2011/65/EU (RoHS-2) [Month, Year] [Batch Number] [Sequential Meter Mark] METER

Mechanical Properties

Minimum Bend Radius	5 x D
Storage Temperature	-20 to +60°C
Operating temperature	-40 to +80°C
Flame tests	IEC 60332-1
Total Weight	11.2 kg/km nom.

Electrical Properties @ 20C

DC Resistance of conductors	25.9 Ohm/km max.
Vop	45% nom.
Dielectric strength	1500V rms/1 minute.
Voltage rating	60V rms max.

Color Options & P/N

Insulation Color	WW P/N	Insulation Color	WW P/N
Black	AU101H10	White	AU101H20
Red	AU101H30	Brown	AU101H33
Blue	AU101H40	Yellow	AU101H50
Green	AU101H60	Orange	AU101H70
Purple	AU101H80	Grey	AU101H90

This wire fully conforms to EU Directive 2011/65/EU (RoHS-2)