

Technical Specification

Cable Type: 2x18# PVC Insulated and Jacketed 60V Indoor Control Cable - RED

Western Wire Part Number: B-AU702H3S (G4S)

Revision: 05/20 Date: 29-Sep-2020



Physical Description

Conductors	Solid annealed bare copper 18 AWG, 1.02 mm nom OD.
Insulation type	PVC compound, Flame retardant.
Insulation thickness	0.34 mm nom.
Insulation OD	1.70 mm nom.
Total number of conductors	2
Color code	Red x Black.
Conductor arrangement	The 2 conductors are twisted together.
Core warp	None.
Outer Jacket	PVC compound, Flame retardant.
Jacket thickness	0.80 mm nom.
Overall Diameter	5.0 mm nom.
Color	Red, RAL 3000.
Surface Marking	WESTERN WIRE B-AU702H3S 2x18AWG 60V INDOOR CONTROL CABLE FR IEC 60332-1 CE 2011/65/EU (RoHS-2) [Month, Year] [Batch Number] [SMM] METER
Notes	The jacket is easily removable.

Mechanical Properties

Minimum Bend Radius	20 x D
Storage Temperature	-20 to +60C
Operating temperature	-15 to +70C
Flame test	IEC 60332-1.
Total Weight	35 Kg/Km nom.

Electrical Properties @ 20C

DC Resistance of conductors	23.1 Ohm/Km max.
Continuous working voltage	60 V rms max.
Dielectric strength	1500 V rms min/ 1 minute (between conductors)
Insulation resistance	100 MegaOhm·Km min.
Velocity of propagation	55% nom. @ 1 KHz

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

B-AU702H3S-200: Packaging: 200m coils
B-AU702H3S-500: Packaging: 500m drums