

Technical Specification

Cable Type: 2x20# PVC Insulated and Jacketed 60V Control Cable

Western Wire Part Number: CU702G90

Revision: 15/23 Date: 28-March-2023



Physical Description

Conductors	Solid annealed bare copper 20 AWG, 0.8 mm nom OD.
Insulation type	PVC compound, Flame retardant, rated at -30 to +80C.
Insulation thickness	0.27 mm nom.
Insulation OD	1.35 mm nom.
Total number of conductors	2
Color code	Red x Blue.
Conductor arrangement	The 2 conductors are twisted together at 50mm max. lay.
Core warp	None.
Outer Jacket	PVC compound, Flame retardant, rated at -20 to +80C.
Jacket thickness	0.60 mm nom.
Overall Diameter	3.9 mm nom. 4.2 mm max.
Color	Grey, RAL 7005.
Surface Marking	WESTERN WIRE CU702G90 2x0.8 CONTROL CABLE IEC 60332-1 CE 2011/65/EU (RoHS-2) [Month, Year] [Batch Number] [SMM] METER
Notes	The jacket is easily removable.

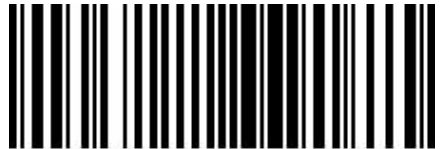
Mechanical Properties

Minimum Bend Radius	20 x D
Storage Temperature	-20 to +60C
Operating temperature	-20 to +80C
Flame test	IEC 60332-1.
Total Weight	21 Kg/Km nom.

Electrical Properties @ 20C

DC Resistance of conductors	36.0 Ohm /Km max.
Continuous working voltage	60 V rms max.
Dielectric strength	1500 V rms min/ 1 minute (between conductors)
Mutual capacitance	120 pF/m nom. @ 1 KHz.
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)

		PVC Insulated and Jacketed 60V Control Cable	
Cable type	2x20AWG Unshielded Cable		
Jacket Type	PVC		
Jacket Color	Grey		
WW Part Number	CU702G90		
WW Batch Number			
Production Date			
Reel Number			
Length			
Voltage rating	60V max.		
This cable fully conforms to EU Directive 2011/65/EU (RoHS-2)			
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<i>Passive components. Active people.™</i>			

Label size: 14 cm (w) x 10 cm (h)