Technical Specification

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

Western Wire Part Number: CU702G60

Revision: 02/23 Date: 16 April 2023

Physical Description	
Conductors	Solid annealed bare copper 20 AWG, 0.8 mm nom O.D.
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	Green, RAL 6018
Surface marking	WESTERN WIRE CU702G60 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.
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
Continuous working voltage	60 V rms max.

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