



Technical Specification

Cable Type: 2x20# PVC Insulated and Jacketed Unshielded DJ Control Cable

Western Wire Part Number: BU702G3S (G4S)

Revision: 02/24 Date: 14 January 2024



Double jacketed control cable for low frequency applications in outdoor or direct-burial installations.

Physical Description

Conductors	Solid 0.81 mm 20# annealed bare copper
Insulation type	PVC compound, 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 Black
Conductor arrangement	The 2 conductors are twisted together
Core wrap	Polyester tape, providing 100% coverage
Inner jacket	FR PVC compound, rated at -20 to +80C
Jacket thickness	0.70 mm nom.
Inner jacket diameter	3.9 mm nom.
Color	Red, RAL 3000
Outer jacket	FR PVC compound, rated at -20 to +80C
Jacket thickness	1.8 mm nom.
Overall diameter	7.5 mm nom.
Color	Red, RAL 3000
Surface marking	WESTERN WIRE BU702G3S 2x0.8 60V DJ CONTROL CABLE FR IEC 60332-1 CE 2011/65/EU (RoHS-2) [Month, Year] [Batch Number] [SMM] METER Both jackets are easily removable.
Notes	

Mechanical Properties

Minimum bend radius	20 x D
Storage temperature	-20 to +60C
Operating temperature	-20 to +80C
Flame tests	IEC 60332-1
Total weight	70 kg/km nom.

Electrical Properties @ 20C

DC Resistance of conductors	36.0 Ohm /Kkmmax..
Insulation resistance	100 MOhm ·km min.
Velocity of propagation	55% nom. @ 1 kHz
Voltage rating	60V rms max..

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