WesternWire

Technical Specification

Cable Type: 4x22# PVC Insulated and Jacketed Shielded LF Control Cable

Western Wire Part Number: B-AF104F7S (G4S)

Revision: 05/20 Date: 16 November 2020

Physical Description	
Conductors	Stranded 22# annealed tinned copper 7x0.23 mm nom.
Insulation type	PVC compound, rated at -30 to +80C
Insulation thickness	0.25 mm nom.
Insulation OD	1.30 mm nom.
Total number of conductors	4
Color code	Black, Red, Green, White
Conductor arrangement	The 4 conductors are twisted together
Core warp	Polyester tape, providing 100% coverage
Drain wire	Stranded 22# annealed tinned copper 7x0.23 mm nom.
Overall shield	Polyester-aluminum tape, foil face in, providing 100% coverage
Outer Jacket	PVC compound, rated at -20 to +80C
Jacket thickness	0.60 mm nom.
Overall diameter	4.6 mm nom.
Color	Orange, RAL 2003
Surface marking (White)	WESTERN WIRE B-AF104F7S 4x22 AWG FOIL SHIELDED 60V CONTROL CABLE FR IEC 60332-1 CE 2011/65/EU (RoHS-2) [Month, Year] [Batch Number] [Sequential Meter Mark] 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	32 kg/km nom.

Electrical Properties @ 20C	
DC Resistance of conductors	73.8 Ohm/km max.
Insulation resistance	100 MOhm·km min.
Voltage rating	60V rms max.
Velocity of propagation	55% nom. @ 1 kHz

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