

Technical Specification

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

Western Wire Part Number: AF104F40

Revision: 04/06 Date: 24 February 2006



Physical Description


Conductors	Stranded 22# annealed tinned copper 7x0.25 mm nom.
Insulation type	PVC compound, rated at -30 to +80C.
Insulation thickness	0.25 mm nom.
Insulation OD	1.35 mm nom.
Total number of conductors	4
Color code	Black x Red x Green x White.
Conductor arrangement	The 4 conductors are twisted together.
Core warp	Polyester tape, providing 100% coverage.
Drain wire	Stranded 22# annealed tinned copper 7x0.25 mm nom.
Overall shield	Polyester-aluminum tape, foil face in, providing 100% coverage.
Outer Jacket	PVC compound, rated at -20 to +80C.
Jacket thickness	0.70 mm nom.
Overall Diameter	4.8 mm nom.
Color	Blue, RAL 5015.
Surface Marking	WESTERN WIRE AF104F40 4x22 AWG FOIL SHIELDED 60V CONTROL CABLE FR IEC 60332-1 UL 1581 VW-1 CE 2002/95/EC (RoHS) [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	UL 1581 VW-1 and IEC 60332-1.
Total Weight	34 Kg/Km nom.

Electrical Properties @ 20C

DC Resistance of conductors	62.3 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 2002/95/EC (RoHS)