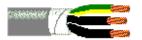
Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



7410A Multi-Conductor - 600V FCC Control Cables for Moderate Flexing



For more Information please call

1-800-Belden1



Description:

18 AWG stranded (16x30) bare copper conductors, PVC insulation, unshielded, oil- and abrasion-resistant PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
3	18	16x30	BC - Bare Copper

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)	
PVC - Polyvinyl Chloride	.022	

Insulation Resistance: 6.1 Megaohms/1000 ft. minimum

Outer Shield

Outer Shield Material:



Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.040

Overall Cable

Overall Nominal Diameter: 0.280 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-40°C To +90°C
Other Temperature Range:	Flexing: -5°C To +90°C
UL Temperature Rating:	90°C (UL AWM Style 2587)
Bulk Cable Weight:	45 lbs/1000 ft.
Max. Recommended Pulling Tension:	74 lbs.
Min. Bend Radius (Install)/Minor Axis:	2.800 in.
Min. Bend Radius (Continuous Flexing):	4.200 in.
Flex Cycle Rating:	1 Million Flexes

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

AWM Specification:	UL Style 2587 (600 V 90°C)
CSA Specification:	AWM I A/B II A/B
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes

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Detailed Specifications & Technical Data





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EU RoHS Compliance Date (mm/dd/yyyy):	10/01/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
Flame Test	
UL Flame Test:	UL1685 UL Loading, VW-1
CSA Flame Test:	FT1
Suitability	
Oil Resistance:	Yes
Plenum/Non-Plenum	
Plenum (Y/N):	No

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Max. Operating Voltage - UL:

Voltage

600 V RMS (UL AWM Style 2587)

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item # Putup Ship Weight	Color Notes	Item Desc	
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Revision Number: 1 Revision Date: 05-14-2007

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