Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



7401W Multi-Conductor - 600V FCC Control Cables for Moderate Flexing



For more Information please call

1-800-Belden1



General Description:

20 AWG stranded (10x30) bare copper conductors plus stranded (10x30) bare copper ground wire, PVC insulation, Unshielded, Oil- and Abrasion-resistant TPE Jacket.

Physical Characteristics (Overall)

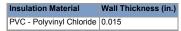
Conductor

AWG:

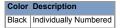


Insulation

Insulation Material:



Insulation Color Code Chart:



Outer Shield

Outer Shield Material:



Outer Jacket

Outer Jacket Material:

Outer Jacket Material		Nom. Wall Thickness (in.)		
ı	TPE - Thermoplastic Elastomer	0.037		

Overall Cable

Overall Nominal Diameter: 0.221 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:	29 lbs/1000 ft.
Max. Recommended Pulling Tension:	39 lbs.
Min. Bend Radius (Continuous Flexing):	2.200 in.
Flex Cycle Rating:	1 Million Flexes

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	PLTC
AWM Specification:	UL Style 2587 (600 V 90°C)
CSA Specification:	AWM I/II A/B
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	10/01/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU REACH SVHC Present:	Yes

Page 1 of 2 09-11-2017

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CA Prop 65 (CJ for Wire & Cable):	Yes		
MII Order #39 (China RoHS):	Yes		
lame Test			
UL Flame Test:	UL1685 FT4/IEEE 1202 Vertical Tray Flame Test		
CSA Flame Test:	FT4		
IEEE Flame Test:	1202		
Suitability			
Suitability - Burial:	Yes		
Sunlight Resistance:	Yes		
Oil Resistance:	Yes - Oil Res II		
Non-halogenated:	No		
Plenum/Non-Plenum			
Plenum (Y/N):	No		

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
7401W 0601000	1,000 FT	31.000 LB	CHROME	С	2 #20 + GRD PVC TPE
7401W 060250	250 FT	8.500 LB	CHROME	С	2 #20 + GRD PVC TPE
7401W 0605000	5,000 FT	155.000 LB	CHROME		2 #20 + GRD PVC TPE

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 5 Revision Date: 01-12-2017

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Page 2 of 2