Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



7427W Multi-Conductor - 600V FCC Control Cables for Moderate Flexing



For more Information please call

1-800-Belden1



Description:

16 AWG stranded (26x30) bare copper conductors, PVC-Nylon insulation, unshielded, oil- and abrasion-resistant PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
11	16	26x30	BC - Bare Copper

Total Number of Conductors: 12

Ground Wire

Ground Wire (Y/N):	Υ	
Ground Wire AWG:	16	
Ground Wire Stranding:	26x30	
Ground Wire Conductor Material:	BC - Bare Copper	
Ground Wire Insulation Material:	PVC/Nylon - Polyvinyl Chloride/Nylon	

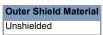
Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)	
PVC - Polyvinyl Chloride	0.015	
Nylon	0.005	

Outer Shield

Outer Shield Material:



Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.063

Overall Cable

Overall Nominal Diameter: 0.550 in.

Mechanical Characteristics (Overall) Operating Temperature Range: -40°C To +90°C Other Temperature Range: Flexing: -5°C To +90°C Bulk Cable Weight: 192 lbs/1000 ft. Max. Recommended Pulling Tension: 420 lbs. Min. Bend Radius (Continuous Flexing): 5.500 in. Flex Cycle Rating: 1 Million Flexes

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Applicable Specifications and Agency Compliance (Overall)					
Applicable Standards & Environmental Programs					
NEC/(UL) Specification:	TC, WTTC				
CSA Specification:	AWM I/II A/B				
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				
CA Prop 65 (CJ for Wire & Cable):	Yes				
MII Order #39 (China RoHS):	Yes				
Flame Test					
Flame Test					
Flame Test UL Flame Test:	UL1277, UL1685 FT4/IEEE 1202 Vertical Tray Flame Test				
	UL1277, UL1685 FT4/IEEE 1202 Vertical Tray Flame Test FT4				
UL Flame Test:	<u> </u>				
UL Flame Test: C(UL) Flame Test:	FT4				
UL Flame Test: C(UL) Flame Test: IEEE Flame Test:	FT4				
UL Flame Test: C(UL) Flame Test: IEEE Flame Test: Suitability	FT4 1202				
UL Flame Test: C(UL) Flame Test: IEEE Flame Test: Suitability Suitability - Burial:	FT4 1202 Yes				
UL Flame Test: C(UL) Flame Test: IEEE Flame Test: Suitability Suitability - Burial: Sunlight Resistance:	FT4 1202 Yes Yes				
UL Flame Test: C(UL) Flame Test: IEEE Flame Test: Suitability Suitability - Burial: Sunlight Resistance: Oil Resistance:	FT4 1202 Yes Yes Yes - Oil Res II				

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 4.000

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
7427W 0601000	1,000 FT	207.000 LB	CHROME	С	11 #16 + GRD PVC/NYL TPE
7427W 060250	250 FT	58.000 LB	CHROME	С	11 #16 + GRD PVC/NYL TPE

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 06-14-2012

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determining the applicability of legislation and regulations based on their individual usage of the product.

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ПОСТАВКА ЭЛЕКТРОННЫХ КОМПОНЕНТОВ

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001 Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

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http://moschip.ru/get-element

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