Detailed Specifications & Technical Data



METRIC MEASUREMENT VERSION

73802W Multi-Conductor - 600V Unshielded, Light to Moderate Flexing Applications Up to 1 Million Flex Life Cycles



For more Information please call

1-800-Belden1

General Description:

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

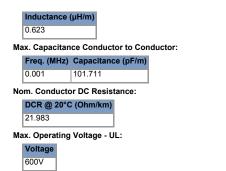
Physical Characteristics (Overall)			
Conductor AWG:			
# Conductors AWG Stranding Conductor Material			
2 18 16x30 BC - Bare Copper			
Insulation Insulation Material:			
Insulation Material Wall Thickness (mm)			
PVC - Polyvinyl Chloride 0.559			
Insulation Color Code Chart: Color Description			
Black Individually Numbered			
Outer Shield			
Outer Shield Material:			
Outer Shield Material Unshielded			
Outer Jacket			
Outer Jacket Material:			
Outer Jacket Material Nom. Wall Thickness (mm) PVC - Polyvinyl Chloride 0.889			
Overall Cable Overall Nominal Diameter:	6.553 mm		
lechanical Characteristics (Overall)			
Storage Temperature Range:	-40°C To +90°C		
Installation Temperature Range:	Flexing: -5°C To +90°C		
Bulk Cable Weight:	98.221 Kg/Km		
Max. Recommended Pulling Tension:	111.205 N		
Min. Bend Radius/Minor Axis:	33.020 mm		
Min. Bend/Installation:	33.020 mm		
Min. Bend Radius (Continuous Flexing):	33.020 mm		
Flex Cycle Rating: 1 Million Flexes			
Applicable Specifications and Agency Compl	liance (Overall)		
Applicable Standards & Environmental Programs			
AWM Specification:	UL Style 2587 (600 V 90°C)		
CSA Specification:	600 V AWM I/II A/B		
EU Directive 2011/65/EU (ROHS II):	Yes		
MII Order #39 (China RoHS):	Yes		
Other Specification:	VDE 0472, Section 803 Oil Test, EU Low Voltage Directive 2014/35/EC, EU Directive 2011/65/EU(RoHS2), REACH Regulation (EC 1907/2006), California Proposition 65		
Flame Test			
CSA Flame Test:	FT1		
Suitability			
Suitability - Burial:	Yes		
Electrical Characteristics (Overall)			
Nom. Characteristic Impedance:			

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Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
73802W 008100	100 FT	9.500 LB	GRAY		18AWG 19/30 2C UNSHIELDED
73802W 0081000	1,000 FT	70.000 LB	GRAY		18AWG 19/30 2C UNSHIELDED
73802W 008500	500 FT	35.500 LB	GRAY		18AWG 19/30 2C UNSHIELDED

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