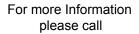
Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

5302U1 Multi-Conductor - Water-Blocked



1-800-Belden1



Description:

18 AWG stranded (7x27) tinned copper conductors, PVC insulation, water-blocking tape, PVC jacket.

Usage (Overall)

Suitable Applications:

Low Voltage, Direct Burial, PLTC, FPL, Intercom, Sound, Audio

Physical Characteristics (Overall) Conductor AWG: # Conductors AWG Stranding Conductor Material 4 TC - Tinned Copper 18 7x27

Insulation

Insulation Material:	
Insulation Material	
PVC - Polyvinyl Chloride	

Outer Shield

Outer Shield Material: Outer Shield Material Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material PVC - Polyvinyl Chloride

Overall Cable

Μ

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	White
3	Red
4	Green

	Overall Cabling Separator Material:	Waterblocking Tape
	Overall Nominal Diameter:	0.254 in.
Ие	chanical Characteristics (Overall)	
	Operating Temperature Range:	-30°C To +105°C
	UL Temperature Rating:	105°C
	Bulk Cable Weight:	40 lbs/1000 ft.
	Max. Recommended Pulling Tension:	89 lbs.

Applicable Specifications and Agency Compliance (Overall) **Applicable Standards & Environmental Programs** CMG, FPL, PLTC-ER

NEC/(UL) Specification:

Min. Bend Radius (Install)/Minor Axis:

2.750 in.

Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

5302U1 Multi-Conductor - Water-Blocked

CEC/C(UL) Specification:	CMG
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	11/06/2006
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 FT4/IEEE 1202 Vertical Tray Flame Test
CSA Flame Test:	FT4
Suitability	
Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Suitability - Burial:	Yes
Sunlight Resistance:	Yes
Plenum/Non-Plenum	
Plenum (Y/N):	No
Electrical Characteristics (Overall) Nom. Capacitance Conductor to Conductor: Capacitance (pF/ft) 30.000 Nom. Conductor DC Resistance: DCR @ 20°C (Ohm/1000 ft) 5.9 Max. Operating Voltage - UL:	
Voltage 300 V RMS	
Max. Recommended Current: Current 7.2 Amps per conductor @ 25°C	
Related Documents:	

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5302U1 0101000	1,000 FT	44.000 LB	BLACK	С	4 #18 PVC PVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 01-07-2011

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Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

5302U1 Multi-Conductor - Water-Blocked

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