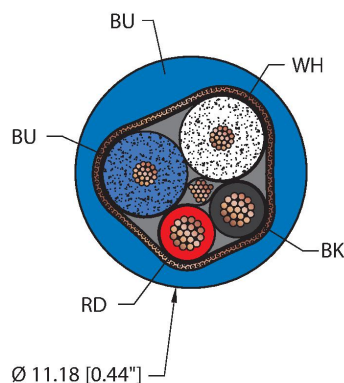


BLU,PVC,1STPX15+1STPX18,S-DFB,PLTC,DN Fieldbus Technology Cable – Reelfast™ Bulk Cable



Features



- Shielded Twisted Pair
- CL2 150V
- PLTC 300V
- UL/CSA AWM 600V
- CMX OUTDOOR 300V
- CMG 300V
- Fieldbus Technology Cable
- fieldbus type: DeviceNet™, Blue PVC jacket, shielded, 1SPX15+1SPX18 AWG
- Sunlight Resistant
- -40 Cold Bend Rating
- Flame Ratings: UL 1685 FT4, UL1061, CSA FT4

Technical data

Type	BLU,PVC,1STPX15+1STPX18,S-DFB,PLTC,DN
ID no.	RF51453
Cable data	
Cable Platform	Fieldbus Technology Cable
Fieldbus	DeviceNet, 579B
Total number of conductors	4
Cable diameter	Ø 11.18 mm
Cable jacket	PVC, Blue
Shield	Aluminum (Double-sided)
Braid material	36 AWG, TC (Tinned Copper), 65% coverage
Cable drain	18 AWG, TC (Tinned Copper)
Conductor material	TC (tinned copper)
Conductor colors	BK, RD, BU, WH
Description of assembly	STP (Shielded Twisted Pair)
Number of assemblies	1
Conductor diameter	0.098 "
Conductor insulation material	PVC
Assembly foil	Foil (OUT)
Cable conductor cross-section	2x15 AWG [Similar to 2.00 mm²]
Number of strands x O.D.	19x0.0131 "
Description of assembly	STP (Shielded Twisted Pair)
Number of assemblies	1

Technical data

Conductor diameter	0.135 "
Conductor insulation material	Foamed HDPE
Assembly foil	Foil (OUT)
Cable conductor cross-section	2x18 AWG [Similar to 0.75 mm ²]
Number of strands	19
Stranded wire diameter	0.0092
Weight	0.046 lbs. /meter
Electrical properties at +20 °C	
Voltage	CL2 150V PLTC 300V UL/CSA AWM 600V CMX OUTDOOR 300V CMG 300V
Dielectric withstand (min.)	2 KVAC
Damping	0.40 dB/100ft nom. @ 1 MHz
Skew	0.75
DC resistance (max)	18.1 Ω/1000ft max.
Nom. Capacitance	12 pF/ft nom. @ 1MHz
Nom. Impedance	150 Ω ± 10% @ 1 MHz
Mechanical and chemical properties	
Bending radius (static)	≥ 5 x Ø
Bending radius (dynamic)	≥ 15 x Ø
Cold bend rating	-40 °C
Ambient temperature range (static)	-40 °C...+80 °C
Ambient temperature range (dynamic)	-40 °C...+80 °C
Temperature range (installation)	-20 °C...+80 °C
Approval	
UL Approvals	UL 13 PLTC Sunlight Resistant UL 13 CL2 UL 758 AWM 2570
CSA Approvals	CSA AWM I/II A/B UL 444 CMX OUTDOOR-CMG CSA FT4
Compliances	RoHS CE
Note	
- Flex ratings may be reduced if used in extreme temperatures, exposure to certain chemicals, operating above the rated cycle speed, or operating below the rated cable bend radius.	

Technical data

- We reserve the right to make technical alterations without prior notice.
