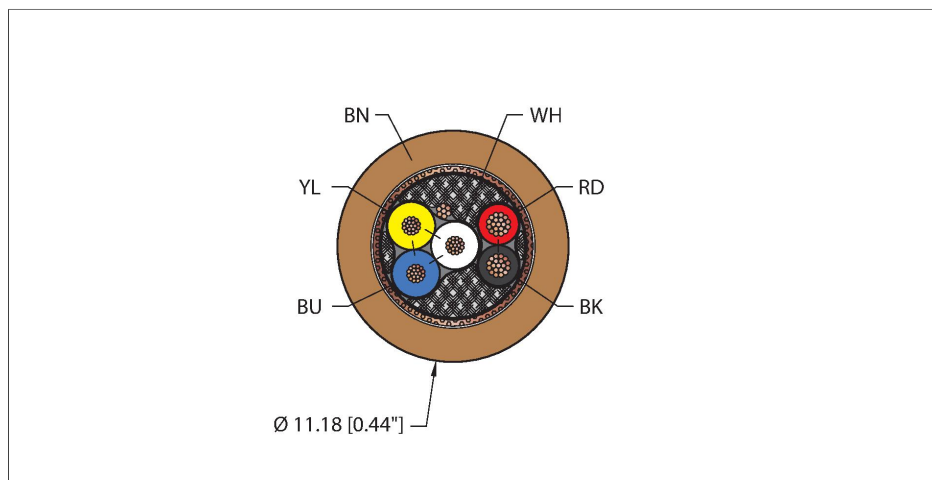


BRN,PVC,1STRDX20+1STPX18,S-FB,CC-LINK

Fieldbus Technology Cable – Reelfast™ Bulk Cable



Features



- Shielded Triad
- PLTC 300V
- UL/CSA AWM 300V
- CMX OUTDOOR 300V
- CMG 300V
- Fieldbus Technology Cable
- fieldbus type: CC-Link, PVC jacket, Brown, shielded, 1STRX20+1SPX18 AWG
- Sunlight Resistant
- -40 Cold Bend Rating
- Oil Resistant
- Flame Ratings: UL 1685 FT4, UL1061, CSA FT4

Technical data

Type	BRN,PVC,1STRDX20+1STPX18,S-FB,CC-LINK
ID no.	RF51127
Cable data	
Cable Platform	Fieldbus Technology Cable
Fieldbus	CC-Link
Total number of conductors	5
Cable diameter	Ø 11.18 mm
Cable jacket	PVC, Brown
Shield	Aluminum (Double-sided)
Braid material	36 AWG, TC (Tinned Copper), 65% coverage
Conductor material	TC (tinned copper)
Conductor colors	RD, BK, WH, BU, YL
Description of assembly	STP (Shielded Twisted Pair)
Number of assemblies	1
Conductor diameter	0.076 "
Conductor insulation material	PVC
Assembly foil	Foil (OUT)
Cable conductor cross-section	2x18 AWG [Similar to 0.75 mm²]
Number of strands x O.D.	19x0.0092 "
Description of assembly	STRD (Shielded Triad, Drain)
Number of assemblies	1
Conductor diameter	0.097 "

Technical data

Conductor insulation material	Foamed HDPE
Assembly drain	20 AWG, TC (Tinned Copper)
Assembly foil	Foil (OUT)
Cable conductor cross-section	2x20 AWG [Similar to 0.50 mm ²]
Number of strands	19
Stranded wire diameter	0.0073
Weight	0.367 lbs. /meter
Electrical properties at +20 °C	
Voltage	PLTC 300V UL/CSA AWM 300V CMX OUTDOOR 300V CMG 300V
Dielectric withstand (min.)	2 KVAC
Skew	0.75
DC resistance (max)	37.4 Ω/km nom.
Nom. Capacitance	13 pF/ft nom.
Nom. Impedance	110 Ω nom.
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...+75 °C
Ambient temperature range (dynamic)	-40 °C...+75 °C
Temperature range (installation)	-20 °C...+75 °C
Approval	
UL Approvals	UL 13 PLTC Sunlight Resistant -40C Cold Bend Oil Res I UL 758 AWM 2464
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. - We reserve the right to make technical alterations without prior notice.	