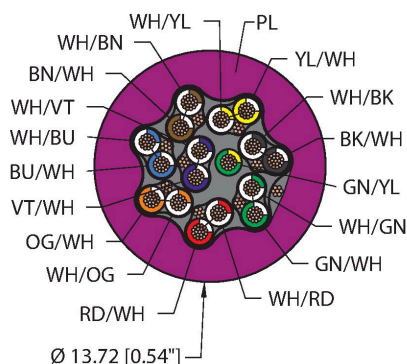


PLU,EX60,8STPDX22+1X18,S-FD,ITCERDB Extremelife™ Cable – Reelfast™ Bulk Cable



Features



- Shielded Twisted Pair
- ITC 150V
- PLTC 300V
- 1309 MSB 300V
- CIC 300V
- Extremelife™ Cable
- Plum EX60 jacket, shielded, 8SPDX22+1X18 AWG
- Sunlight Resistant
- -60 Cold Bend Rating
- Oil Resistant
- Flame Ratings: UL 1685 FT4, IEEE 1202 FT4, CSA FT1, CSA FT4, IEC 60332-3-22

Technical data

Type	PLU,EX60,8STPDX22+1X18,S-FD,ITCERDB
ID no.	RF51230
Cable data	
Cable Platform	Extremelife™ Cable
Total number of conductors	17
Cable diameter	Ø 13.72 mm
Cable jacket	EX60, Plum
Shield	Aluminum/polyester (OUT)
Cable drain	22 AWG TC (Tinned Copper)
Conductor diameter	0.086 "
Conductor material	TC (tinned copper)
Conductor insulation material	XLPE
Conductor size	1 x 18 AWG [Similar to 0.75 mm²]
Number of strands x O.D.	19 x 0.0092 "
Conductor colors	WH/BK, BK/WH, WH/GN, GN/WH, WH/RD, RD/WH, WH/OG, OG/WH, WH/BU, BU/WH, WH/BN, BN/WH, WH/YL, YL/WH, WH/VT, VT/WH, GN/YL
Description of assembly	STPD (Shielded Twisted Pair, Drain)
Number of assemblies	8
Conductor diameter	0.07 "
Conductor insulation material	XLPE
Assembly drain	22 AWG, TC (Tinned Copper)
Assembly foil	Foil (IN)

Technical data

Cable conductor cross-section	2x22 AWG [Similar to 0.34 mm ²]
Number of strands x O.D.	19x0.0058 "
Weight	0.54 lbs. /meter
Electrical properties at +20 °C	
Voltage	ITC 150V PLTC 300V 1309 MSB 300V CIC 300V
DC resistance (max)	18.1 Ω/1000ft max.
Nom. Inductance	0.168 µH/ft nom. @ 1 kHz
Nom. Capacitance	17.5 pF/ft nom. @ 1 kHz
Nom. Impedance	98 Ω nom.
Mechanical and chemical properties	
Bending radius (static)	≥ 5 x Ø
Bending radius (dynamic)	≥ 15 x Ø
Cold bend rating	-60 °C
Ambient temperature range (static)	-60 °C...+105 °C
Ambient temperature range (dynamic)	-60 °C...+105 °C
Temperature range (installation)	-20 °C...+105 °C
Approval	
UL Approvals	UL 1309 Marine Shipboard UL 2250 ITC UL 13 PLTC Exposed Run Direct Burial Sunlight Resistant -60C Cold Bend Oil Res I Oil Res II
CSA Approvals	CSA C22.2 No.239 CIC CSA FT1 CSA FT4 Sunlight Resistant
Additional Approvals	IEEE 1202/FT4 IEEE 1580-2010
Compliances	RoHS 2 CE IEC 60332-3-22
Marine Shipboard Approvals and Compliances	ABS
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.
