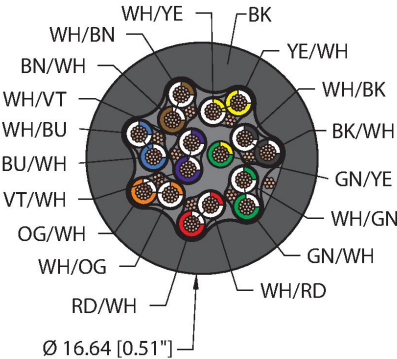


BLK,PVC,8STPDX18+1X18,S-DF,ITCERDB
Instrumentation Tray/Exposed Run/Direct Burial Cable –
Reelfast™ Bulk Cable

Features



- Shielded Twisted Pair
- Instrumentation Tray/Exposed Run/Direct Burial Cable
- Black PVC jacket, shielded, 8STPDX18+1X18 AWG
- Sunlight Resistant
- -40 Cold Bend Rating
- Oil Resistant
- Flame Ratings: UL 1685 FT4, CSA FT1, CSA FT4, IEC 60332-3-22
- ITC 150V
- PLTC 300V
- CIC 300V



Technical data

Type	BLK,PVC,8STPDX18+1X18,S-DF,ITCERDB
ID	RF51763
Cable data	
Cable Platform	Instrumentation Tray/Exposed Run/Direct Burial Cable
Total number of conductors	17
Cable diameter	Ø 16.64 mm
Cable jacket	PVC, Black
Shielding	Aluminum/polyester (IN), 20 AWG, TC (Tinned Copper)
Conductor diameter	0.077 "
Conductor material	TC (tinned copper)
Conductor insulation material	PVC/Nylon (Nylon overcoat)
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/YE, YE/WH, WH/VT, VT/WH, GN/YE
Description of assembly	STPD (Shielded Twisted Pair, Drain)
Number of pairs	8
Conductor diameter	0.077 "
Conductor insulation material	PVC/N
Assembly drain	20 AWG, TC (Tinned Copper)

BLK,PVC,8STPDX18+1X18,S-DF,ITCERDB 04/16/2025 16:09 | technical changes reserved

Technical data

Assembly foil	Foil (IN)
Cable conductor cross-section	2x18 AWG [Similar to 0.75 mm²]
Number of strands x O.D.	19x0.0092 "
Weight	0.846 lbs. /meter
Electrical properties at +20 °C	
Voltage	ITC 150V PLTC 300V CIC 300V
Dielectric withstand (min.)	2 KVAC
DC resistance (max)	7.06 Ω
Mechanical and chemical properties	
Bending radius (static)	≥ 5 x Ø
Bending radius (dynamic)	≥ 15 x Ø
UL cold bend rating	-40 °C
Ambient temperature range (static)	-40...+105 °C
Ambient temperature range (dynamic)	-40...+105 °C
Temperature range (installation)	-20...+105 °C
Approval	
UL Approvals	UL 2250 ITC UL 13 PLTC Sunlight Resistant -40C Cold Bend Oil Res I
CSA Approvals	CSA C22.2 No.239 CIC CSA FT1 CSA FT4 Sunlight Resistant
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.	