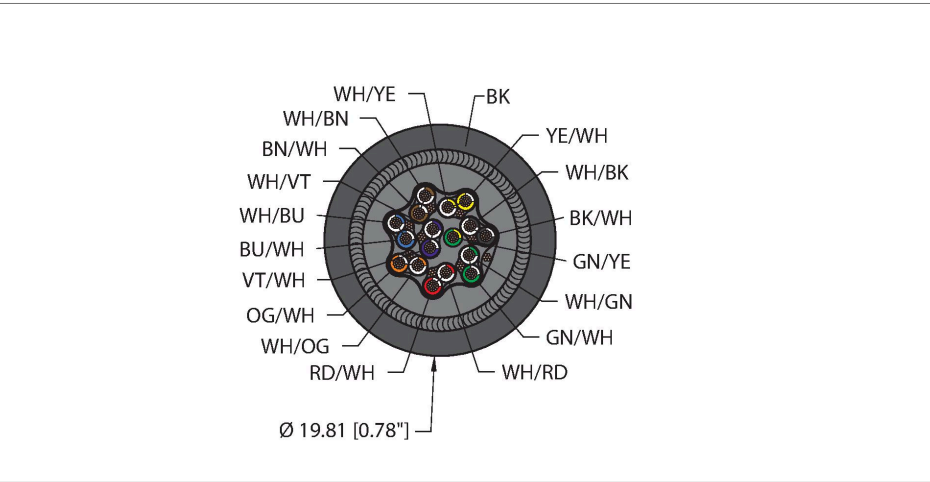


BLK,PVC,8STPDX22+1X18,S-FD,PVC,IAA,ITC Armorfast™ Instrumentation Cable – Reelfast™ Bulk Cable



Technical data

Type	BLK,PVC,8STPDX22+1X18,S-FD,PVC,IAA,ITC
ID	RF51419
Cable data	
Cable Platform	Armorfast™ Instrumentation Cable
Total number of conductors	17
Cable diameter	Ø 19.81 mm
Cable jacket	PVC, Black
Armor	IAA
Diameter	16.891
Shielding	Aluminum/polyester (OUT), 22 AWG TC (Tinned Copper)
Inner jacket	PVC,Natural
Conductor diameter	0.076 "
Conductor material	TC (tinned copper)
Conductor insulation material	PVC
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	0.054 "

Features



- Shielded Twisted Pair
- Interlocked Aluminum Armor
- Armorfast™ Instrumentation Cable
- Black PVC jacket, cable armor: IAA, shielded, 8STPDX22+1X18 AWG
- Sunlight Resistant
- -40 Cold Bend Rating
- Oil Resistant
- Flame Ratings: UL 1685 FT4, UL1061, CSA FT4
- ITC 150V
- PLTC 300V
- CMG 300V
- ACIC 300V

BLK,PVC,8STPDX22+1X18,S-FD,PVC,IAA,ITQ 04/16/2025 16-08 | technical changes reserved

Technical data

Conductor insulation material	PVC
Assembly drain	22 AWG, TC (Tinned Copper)
Assembly foil	Foil (IN)
Cable conductor cross-section	2x22 AWG [Similar to 0.34 mm ²]
Number of strands x O.D.	19x0.0058 "
Weight	1.058 lbs. /meter
Electrical properties at +20 °C	
Voltage	ITC 150V PLTC 300V CMG 300V ACIC 300V
Dielectric withstand (min.)	2 KVAC
DC resistance (max)	17.5 Ω/1000ft max.
Mechanical and chemical properties	
Bending radius (static)	≥ 14 x Ø
UL cold bend rating	-40 °C
	(Armor diameter)
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 UL 444 CMG
CSA Approvals	CMG CSA C22.2 No.239 ACIC 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.