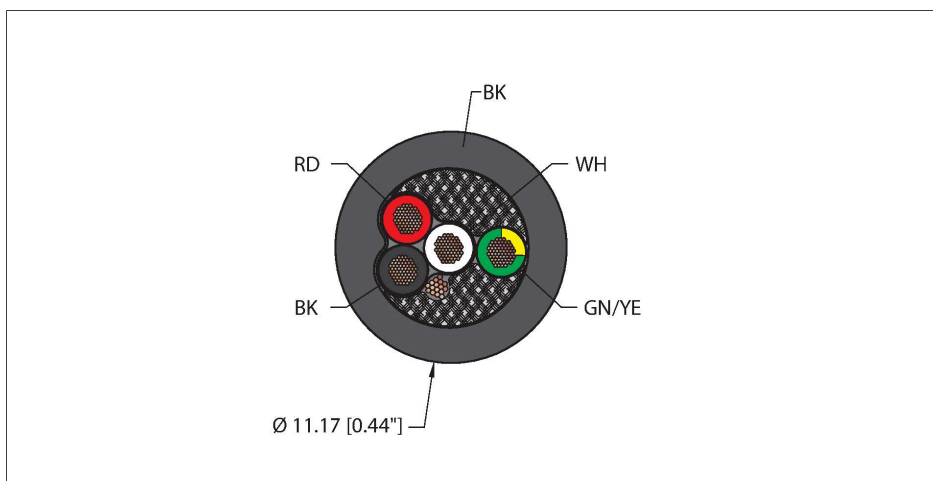


# BLK,PVC,1STRDX16+1X16,S-F,TCERDB, Power Tray/Exposed Run/Direct Burial Cable – Reelfast™ Bulk Cable



## Features



- Shielded Triad
- Power Tray/Exposed Run/Direct Burial Cable
- Black PVC jacket, shielded, 1STRDX16+1X16 AWG
- Sunlight Resistant
- -40 Cold Bend Rating
- Oil Resistant
- Flame Ratings: UL 1685 FT4, CSA FT1, CSA FT4, IEC 60332-3-22
- WTTC 1000V
- TC 600V
- ITC 150V
- PLTC 300V
- CIC/TC 600V

## Technical data

Type	BLK,PVC,1STRDX16+1X16,S-F,TCERDB,
ID	RF52139
<b>Cable data</b>	
Cable Platform	Power Tray/Exposed Run/Direct Burial Cable
Total number of conductors	4
Cable diameter	Ø 11.1 mm
Cable jacket	PVC, Black
Shielding	Aluminum/polyester (IN)
Conductor diameter	0.105 "
Conductor material	BC (bare copper)
Conductor insulation material	PVC/Nylon (Nylon overcoat)
Conductor size	1 x 16 AWG [Similar to 1.50 mm <sup>2</sup> ]
Number of strands x O.D.	65 x 34 AWG
Conductor colors	WH, BK, RD, GN/YE
Description of assembly	STRD (Shielded Triad, Drain)
Number of pairs	1
Conductor diameter	0.105 "
Conductor insulation material	PVC/N
Assembly drain	18 AWG, TC (Tinned Copper)
Assembly foil	Aluminum/polyester (OUT)
Cable conductor cross-section	3x16 AWG [Similar to 1.50 mm <sup>2</sup> ]

BLK,PVC,1STRDX16+1X16,S-F,TCERDB, 04/16/2025 16-09 | technical changes reserved

## Technical data

Number of strands x O.D.	65x34 AWG
Weight	0.331 lbs. /meter
<b>Electrical properties at +20 °C</b>	
Voltage	WTTC 1000V TC 600V ITC 150V PLTC 300V CIC/TC 600V
Dielectric withstand (min.)	2 KVAC
DC resistance (max)	4.8 Ω/1000ft max.
<b>Mechanical and chemical properties</b>	
Bending radius (static)	≥ 5 x Ø
Bending radius (dynamic)	≥ 15 x Ø
UL cold bend rating	-40 °C
Ambient temperature range (static)	-40...+90 °C
Ambient temperature range (dynamic)	-40...+90 °C
Temperature range (installation)	-20...+90 °C
<b>Approval</b>	
UL Approvals	UL 2277 WTTC UL 1277 TC UL 2250 ITC UL 13 PLTC Exposed Run Direct Burial Sunlight Resistant -40C Cold Bend Oil Res I
CSA Approvals	CSA C22.2 No.239 CIC & CSA C22.2 No.230 TC CSA FT1 CSA FT4 Sunlight Resistant
Compliances	RoHS CE
<b>Note</b>	
	- 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.