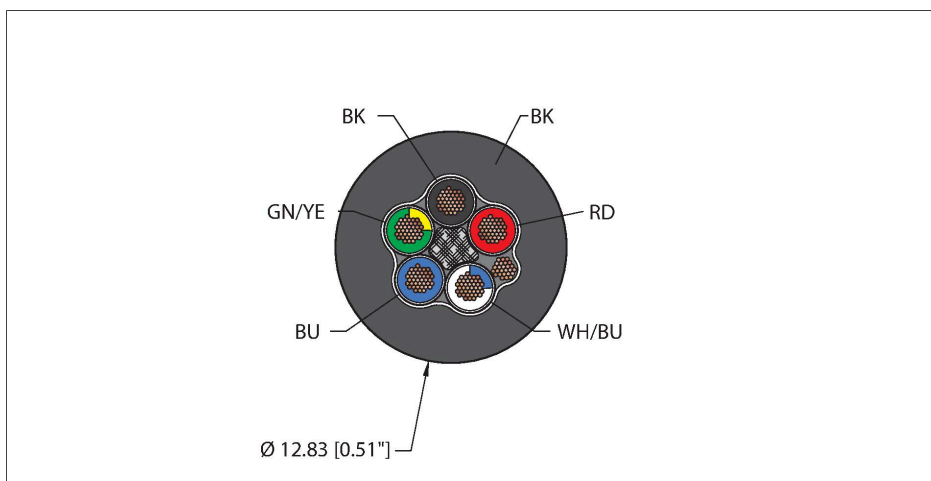


BLK,TPE,5X12,S-DF,TCERDB,ITCER Power Tray/Exposed Run/Direct Burial Cable – Reelfast™ Bulk Cable



Features



- Power Tray/Exposed Run/Direct Burial Cable
- Black TPE jacket, shielded, 5X12 AWG
- Sunlight Resistant
- -40 Cold Bend Rating
- Oil Resistant
- Flame Ratings: UL 1685 FT4, UL 1061, CSA FT1, CSA FT4
- WTTC 1000V
- TC 600V
- UL AWM 600V
- CIC/TC 600V

Technical data

Type	BLK,TPE,5X12,S-DF,TCERDB,ITCER
ID	RF51959
Cable data	
Cable Platform	Power Tray/Exposed Run/Direct Burial Cable
Total number of conductors	5
Cable diameter	Ø 12.83 mm
Cable jacket	TPE, Black
Shielding	Aluminum/polyester (IN), 16 AWG, TC (Tinned Copper)
Conductor diameter	0.145 "
Conductor material	BC (bare copper)
Conductor insulation material	PVC/Nylon (Nylon overcoat)
Conductor size	5 x 12 AWG [Similar to 4.00 mm ²]
Number of strands x O.D.	65 x 30 AWG
Conductor colors	RD, WH/BU, BU, GN/YE, BK
Weight	0.669 lbs. /meter
Electrical properties at +20 °C	
Voltage	WTTC 1000V TC 600V UL AWM 600V CIC/TC 600V
Dielectric withstand (min.)	2 KVAC
DC resistance (max)	1.7 Ω/1000ft max.

Technical data

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...+90 °C
Ambient temperature range (dynamic)	-40...+90 °C
Temperature range (installation)	-20...+90 °C
Approval	
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 Oil Res II UL 758 AWM 2586
CSA Approvals	CSA C22.2 No.239 CIC & CSA C22.2 No.230 TC 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.