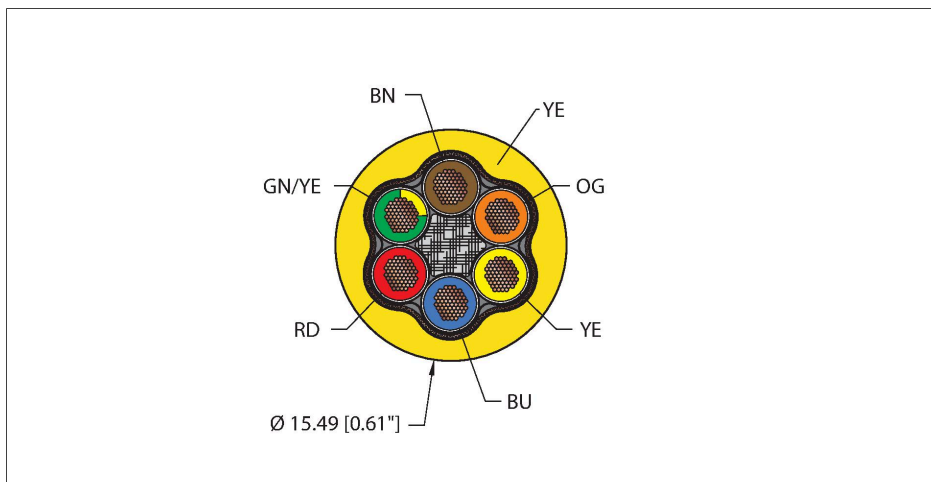


YEL,TPE,6X12,S-FB,TCERDB

Power Tray/Exposed Run/Direct Burial Cable – Reelfast™ Bulk Cable



Features



- Power Tray/Exposed Run/Direct Burial Cable
- TPE jacket, Yellow, shielded, 6X12 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	YEL,TPE,6X12,S-FB,TCERDB
ID	RF51286
Cable data	
Cable Platform	Power Tray/Exposed Run/Direct Burial Cable
Total number of conductors	6
Cable diameter	Ø 15.49 mm
Cable jacket	TPE, Yellow
Shielding	Aluminum/polyester (OUT), 34 AWG, TC (Tinned Copper), 65% coverage
Conductor diameter	0.145 "
Conductor material	BC (bare copper)
Conductor insulation material	PVC/Nylon (Nylon overcoat)
Conductor size	6 x 12 AWG [Similar to 4.00 mm ²]
Number of strands x O.D.	65 x 30 AWG
Conductor colors	BN, OG, YE, BU, RD, GN/YE
Weight	0.902 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.

YEL,TPE,6X12,S-FB,TCERDB| 04/16/2025 16-12 | technical changes reserved

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...+105 °C
Ambient temperature range (dynamic)	-40...+105 °C
Temperature range (installation)	-20...+105 °C
Approval	
UL Approvals	UL 2277 WTTC UL 1277 TC UL 2250 ITC UL 13 PLTC Exposed Run Direct Burial Sunlight Resistant Oil Res I Oil Res II -40C Cold Bend 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.