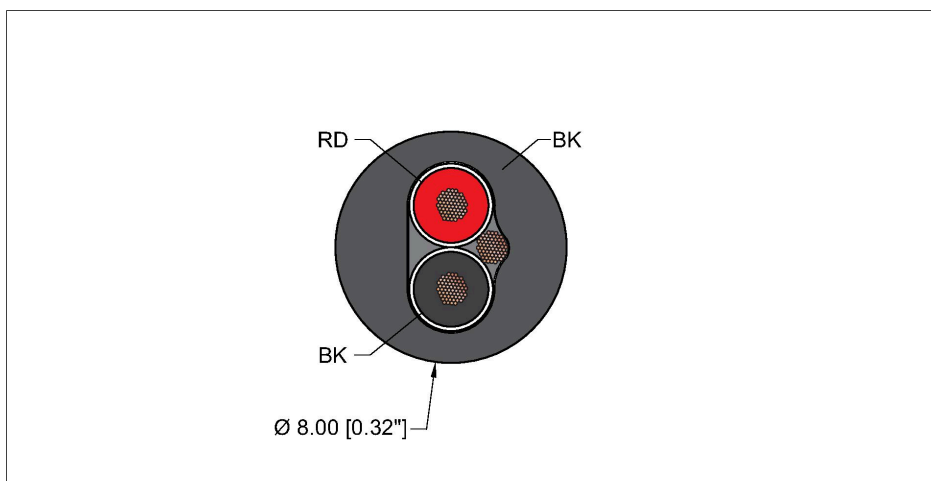


# BLK,TPE,2X16,S-DF,TCERDB,ITC

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



### Features



- Power Tray/Exposed Run/Direct Burial Cable
- Black TPE jacket, shielded, 2X16 AWG
- Sunlight Resistant
- -40 Cold Bend Rating
- Oil Resistant
- Flame Ratings: UL 1685 FT4, UL 1061, CSA FT1, CSA FT4
- WTTC 1000V
- TC 600V
- ITC 150V
- PLTC 300V
- UL AWM 600V
- CIC/TC 600V

### Technical data

|  |  |
|--|--|
| Type                                   | BLK,TPE,2X16,S-DF,TCERDB,ITC   |
| ID                                     | RF51808  |
| <b>Cable data</b>                      |  |
| Cable Platform                         | Power Tray/Exposed Run/Direct Burial Cable                                   |
| Total number of conductors             | 2  |
| Cable diameter                         | Ø 8 mm   |
| Cable jacket                           | TPE, Black   |
| Shielding                              | Aluminum/polyester (IN), 16 AWG, TC (Tinned Copper)                          |
| Conductor diameter                     | 0.105 "  |
| Conductor material                     | BC (bare copper)   |
| Conductor insulation material          | PVC/Nylon (Nylon overcoat)   |
| Conductor size                         | 2 x 16 AWG [Similar to 1.50 mm <sup>2</sup> ]                                |
| Number of strands x O.D.               | 65 x 34 AWG  |
| Conductor colors                       | RD, BK   |
| Weight                                 | 0.206 lbs. /meter  |
| <b>Electrical properties at +20 °C</b> |  |
| Voltage                                | WTTC 1000V<br>TC 600V<br>ITC 150V<br>PLTC 300V<br>UL AWM 600V<br>CIC/TC 600V |
| Dielectric withstand (min.)            | 2 KVAC   |

BLK,TPE,2X16,S-DF,TCERDB,ITC| 04/16/2025 16-10 | technical changes reserved

## Technical data

|   |  |
|---|--|
| 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<br>UL 1277 TC<br>UL 2250 ITC<br>UL 13 PLTC<br>Exposed Run<br>Direct Burial<br>Sunlight Resistant<br>-40C Cold Bend<br>Oil Res I<br>Oil Res II<br>UL 758 AWM 2586        |
| CSA Approvals                             | CSA C22.2 No.239 CIC & CSA C22.2 No.230 TC<br>CSA FT1<br>CSA FT4<br>Sunlight Resistant   |
| Compliances                               | RoHS<br>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.   |