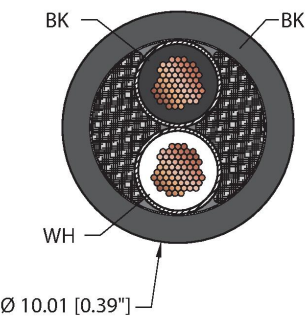


# BLK,PVC,2X12,TCDB

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



Features

- 
- Power Tray/Exposed Run/Direct Burial Cable
  - Black PVC jacket, 2X12 AWG
  - Sunlight Resistant
  - -40 Cold Bend Rating
  - Oil Resistant
  - Flame Ratings: UL 1685 FT4, UL 1061, CSA FT1, CSA FT4
  - WTTC 1000V
  - TC 600V
  - CIC/TC 600V

Technical data

|                                    |                                            |
|------------------------------------|--------------------------------------------|
| Type                               | BLK,PVC,2X12,TCDB                          |
| ID                                 | RF51380                                    |
| Cable data                         |                                            |
| Cable Platform                     | Power Tray/Exposed Run/Direct Burial Cable |
| Total number of conductors         | 2                                          |
| Cable diameter                     | Ø 10.01 mm                                 |
| Cable jacket                       | PVC, Black                                 |
| Conductor diameter                 | 0.145 "                                    |
| Conductor material                 | BC (bare copper)                           |
| Conductor insulation material      | PVC/Nylon (Nylon overcoat)                 |
| Conductor size                     | 2 x 12 AWG [Similar to 4.00 mm²]           |
| Number of strands x O.D.           | 65 x 30 AWG                                |
| Conductor colors                   | BK, WH                                     |
| Weight                             | 0.328 lbs. /meter                          |
| Electrical properties at +20 °C    |                                            |
| Voltage                            | WTTC 1000V<br>TC 600V<br>CIC/TC 600V       |
| Dielectric withstand (min.)        | 2 KVAC                                     |
| DC resistance (max)                | 1.7 Ω/1000ft max.                          |
| Mechanical and chemical properties |                                            |
| Bending radius (static)            | ≥ 5 x Ø                                    |

BLK,PVC,2X12,TCDB| 04/16/2025 16-08 | technical changes reserved

## Technical data

|                                     |                                                                                                                                                                                      |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bending radius (dynamic)            | ≥ 10 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                                         |
| CSA Approvals                       | CSA C22.2 No.239 CIC & CSA C22.2<br>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.                                                                                                           |