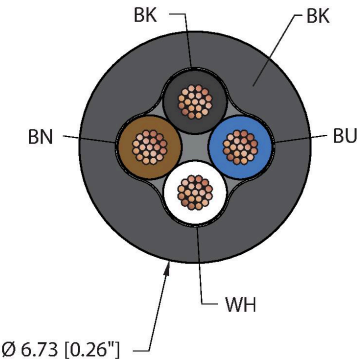


BLK,TPE,4X18,ITC,FL  
Instrumentation Tray Cable – Reelfast™ Bulk Cable

Features



- Instrumentation Tray Cable
- Black TPE jacket, 4X18 AWG
- Sunlight Resistant
- -40 Cold Bend Rating
- Oil Resistant
- Flame Ratings: UL 1685 FT4, UL1061, CSA FT4
- Flexlife® and C-Track Approved
- ITC 150V
- PLTC 300V
- UL/CSA AWM 600V
- CMX OUTDOOR 300V



Technische Daten

|                                    |                                                              |
|------------------------------------|--------------------------------------------------------------|
| Type                               | BLK,TPE,4X18,ITC,FL                                          |
| ID                                 | RF52515                                                      |
| Cable data                         |                                                              |
| Cable Platform                     | Instrumentation Tray Cable                                   |
| Total number of conductors         | 4                                                            |
| Cable diameter                     | Ø 6.73 mm                                                    |
| Cable jacket                       | TPE, Black                                                   |
| Conductor diameter                 | 0.076 "                                                      |
| Conductor material                 | TC (tinned copper)                                           |
| Conductor insulation material      | PVC                                                          |
| Conductor size                     | 4 x 18 AWG [Similar to 0.75 mm²]                             |
| Number of strands x O.D.           | 19 x 0.0092 "                                                |
| Conductor colors                   | BN, WH, BU, BK                                               |
| Weight                             | 0.159 lbs. /meter                                            |
| Electrical properties at +20 °C    |                                                              |
| Voltage                            | ITC 150V<br>PLTC 300V<br>UL/CSA AWM 600V<br>CMX OUTDOOR 300V |
| Dielectric withstand (min.)        | 2 KVAC                                                       |
| DC resistance (max)                | 7.22 Ω/1000ft max.                                           |
| Mechanical and chemical properties |                                                              |
| Bending radius (static)            | ≥ 5 x Ø                                                      |
| Bending radius (dynamic)           | ≥ 10 x Ø                                                     |
| UL cold bend rating                | -40 °C                                                       |

## Technische Daten

|                                     |                                                                                                                                                                                      |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Flex rating 20 x Ø                  | 10 million cycles                                                                                                                                                                    |
|                                     | *When properly installed @ 20°C, 50%RH, and a cycle speed of ≤0.5 cycles per second.                                                                                                 |
| C-Track                             | Yes                                                                                                                                                                                  |
| Ambient temperature range (static)  | -40...+105 °C                                                                                                                                                                        |
| Ambient temperature range (dynamic) | 5...+105 °C                                                                                                                                                                          |
| Temperature range (installation)    | -10...+105 °C                                                                                                                                                                        |
| <b>Approval</b>                     |                                                                                                                                                                                      |
| UL Approvals                        | UL 2250 ITC<br>UL 13 PLTC<br>Sunlight Resistant<br>-40C Cold Bend<br>Oil Res I<br>Oil Res II<br>UL 758 AWM 21002                                                                     |
| CSA Approvals                       | CSA AWM I/II A/B<br>CMX OUTDOOR-CMG<br>CSA FT4                                                                                                                                       |
| 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.                                                                                                           |