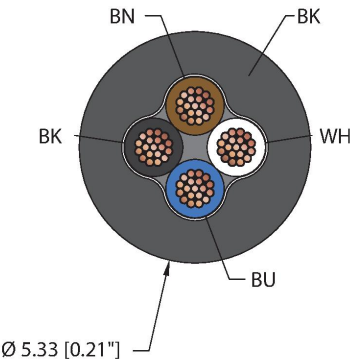


BLK,PVC,4X22,ITC,MSHA  
Instrumentation Tray Cable – Reelfast™ Bulk Cable

Features



- Instrumentation Tray Cable
- Black PVC jacket, 4X22 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 300V
- CMX OUTDOOR 300V
- CMG 300V



Technische Daten

|                                    |                                                                          |
|------------------------------------|--------------------------------------------------------------------------|
| Type                               | BLK,PVC,4X22,ITC,MSHA                                                    |
| ID                                 | RF50983                                                                  |
| Cable data                         |                                                                          |
| Cable Platform                     | Instrumentation Tray Cable                                               |
| Total number of conductors         | 4                                                                        |
| Cable diameter                     | Ø 5.33 mm                                                                |
| Cable jacket                       | PVC, Black                                                               |
| Conductor diameter                 | 0.054 "                                                                  |
| Conductor material                 | TC (tinned copper)                                                       |
| Conductor insulation material      | PVC                                                                      |
| Conductor size                     | 4 x 22 AWG [Similar to 0.34 mm²]                                         |
| Number of strands x O.D.           | 19 x 0.0058 "                                                            |
| Conductor colors                   | BN, WH, BU, BK                                                           |
| Weight                             | 0.092 lbs. /meter                                                        |
| Electrical properties at +20 °C    |                                                                          |
| Voltage                            | ITC 150V<br>PLTC 300V<br>UL/CSA AWM 300V<br>CMX OUTDOOR 300V<br>CMG 300V |
| Dielectric withstand (min.)        | 2 KVAC                                                                   |
| DC resistance (max)                | 17.5 Ω/304.8m [1000'] max                                                |
| Mechanical and chemical properties |                                                                          |
| Bending radius (static)            | ≥ 5 x Ø                                                                  |
| Bending radius (dynamic)           | ≥ 10 x Ø                                                                 |

BLK,PVC,4X22,ITC,MSHA| 22-02-2025 01-53 | Technische Änderungen vorbehalten

## Technische Daten

|                                     |                                                                                                                                                                                      |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UL cold bend rating                 | -40 °C                                                                                                                                                                               |
| 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                                                                                                                                                                        |
| Approval                            |                                                                                                                                                                                      |
| 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 2517                                                                      |
| CSA Approvals                       | CSA AWM I/II A/B<br>CMX OUTDOOR-CMG<br>CSA FT4                                                                                                                                       |
| Additional Approvals                | MSHA                                                                                                                                                                                 |
| Compliances                         | RoHS<br>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.                                                                                                           |