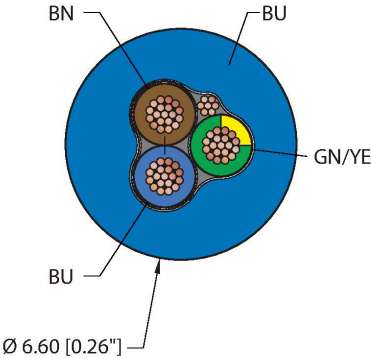


BLU,PVC,1STPX18+1X18,S-DF,ITC  
Instrumentation Tray Cable – Reelfast™ Bulk Cable

Features



- Shielded Twisted Pair
- Instrumentation Tray Cable
- Blue PVC jacket, shielded, 1STPX18+1X18 AWG
- Sunlight Resistant
- -40 Cold Bend Rating
- Oil Resistant
- Flame Ratings: UL 1685 FT4, UL1061, CSA FT4
- ITC 150V
- PLTC 300V
- UL/CSA AWM 300V
- CMX OUTDOOR 300V
- CMG 300V



Technische Daten

|                               |                                                     |
|-------------------------------|-----------------------------------------------------|
| Type                          | BLU,PVC,1STPX18+1X18,S-DF,ITC                       |
| ID                            | RF50950                                             |
| Cable data                    |                                                     |
| Cable Platform                | Instrumentation Tray Cable                          |
| Total number of conductors    | 3                                                   |
| Cable diameter                | Ø 6.6 mm                                            |
| Cable jacket                  | PVC, Blue                                           |
| Shielding                     | Aluminum/polyester (IN), 20 AWG, TC (Tinned Copper) |
| Conductor diameter            | 0.076 "                                             |
| Conductor material            | TC (tinned copper)                                  |
| Conductor insulation material | SR-PVC                                              |
| Conductor size                | 1 x 18 AWG [Similar to 0.75 mm²]                    |
| Number of strands x O.D.      | 19 x 0.0092 "                                       |
| Conductor colors              | GNYE, BU, BN                                        |
| Description of assembly       | STP (Shielded Twisted Pair)                         |
| Number of pairs               | 1                                                   |
| Conductor diameter            | 0.076 "                                             |
| Conductor insulation material | SR-PVC                                              |
| Assembly foil                 | Aluminum/polyester (OUT)                            |
| Cable conductor cross-section | 2x18 AWG [Similar to 0.75 mm²]                      |
| Number of strands x O.D.      | 19x0.0092 "                                         |
| Weight                        | 0.148 lbs. /meter                                   |

BLU,PVC,1STPX18+1X18,S-DF,ITC| 22-02-2025 01-52 | Technische Änderungen vorbehalten

## Technische Daten

### 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)         | 7.06 $\Omega$ /1000ft max.                                               |
| Nom. Capacitance            | 50 pF/ft 164. 4 pF/m $\pm$ 10% @ 1 kHz                                   |

### Mechanical and chemical properties

|                                     |                              |
|-------------------------------------|------------------------------|
| Bending radius (static)             | $\geq 5 \times \varnothing$  |
| Bending radius (dynamic)            | $\geq 15 \times \varnothing$ |
| 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 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                                                                  |
| 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.