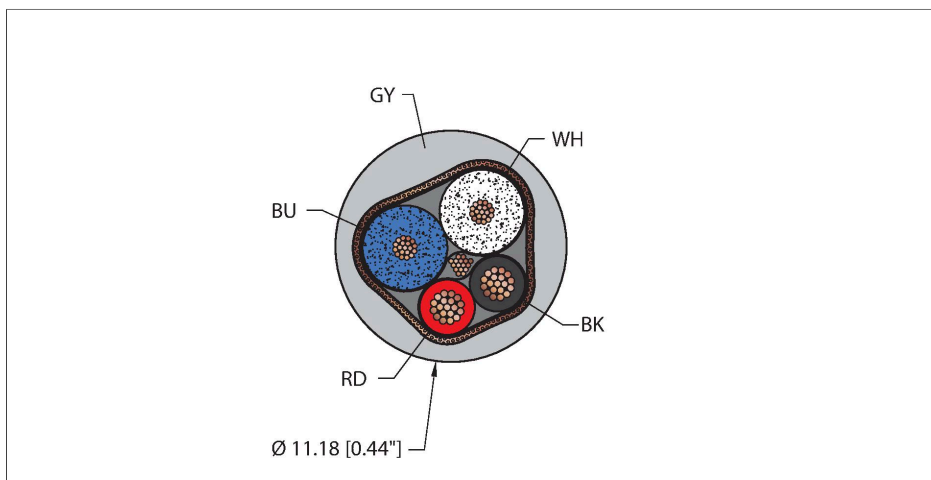


# GRY,PVC,1STPX15+1STPX18,S-DFB,PLTC,DN Fieldbus Technology Cable – Reelfast™ Bulk Cable



## Features



- Shielded Twisted Pair
- Fieldbus Technology Cable
- fieldbus type: DeviceNet™, Gray PVC jacket, shielded, 1SPX15+1SPX18 AWG
- Sunlight Resistant
- Flame Ratings: UL 1685 FT4, UL1061, CSA FT4
- CL2 150V
- PLTC 300V
- UL/CSA AWM 600V
- CMX OUTDOOR 300V
- CMG 300V

## Technische Daten

|                               |   |
|-------------------------------|---|
| Type                          | GRY,PVC,1STPX15+1STPX18,S-DFB,PLTC,DN   |
| ID                            | RF50652   |
| <b>Cable data</b>             |   |
| Cable Platform                | Fieldbus Technology Cable   |
| Fieldbus                      | DeviceNet, 579  |
| Total number of conductors    | 4   |
| Cable diameter                | Ø 11.18 mm  |
| Cable jacket                  | PVC, Gray   |
| Shielding                     | Aluminum (Double-sided), 36 AWG, TC (Tinned Copper), 65% coverage, 18 AWG, TC (Tinned Copper) |
| Conductor material            | TC (tinned copper)  |
| Conductor colors              | BK, RD, BU, WH  |
| <b>Sub assembly 1</b>         |   |
| Description of assembly       | STP (Shielded Twisted Pair)   |
| Number of pairs               | 1   |
| Conductor diameter            | 0.098 "   |
| Conductor insulation material | PVC   |
| Assembly foil                 | Foil (OUT)  |
| Cable conductor cross-section | 2x15 AWG [Similar to 2.00 mm <sup>2</sup> ]   |
| Number of strands x O.D.      | 19x0.0131 "   |
| Description of assembly       | STP (Shielded Twisted Pair)   |
| Number of assemblies          | 1   |
| Conductor diameter            | 0.135 "   |

GRY,PVC,1STPX15+1STPX18,S-DFB,PLTC,DN 22-02-2025 02-02 | Technische Änderungen vorbehalten

## Technische Daten

|   |  |
|---|--|
| Conductor insulation material             | Foamed HDPE  |
| Assembly foil                             | Foil (OUT)   |
| Cable conductor cross-section             | 2x18 AWG [Similar to 0.75 mm <sup>2</sup> ]  |
| Number of strands x O.D.                  | 19x0.0092  |
| Weight                                    | 0.414 lbs. /meter  |
| <b>Electrical properties at +20 °C</b>    |  |
| Voltage                                   | CL2 150V<br>PLTC 300V<br>UL/CSA AWM 600V<br>CMX OUTDOOR 300V<br>CMG 300V   |
| Dielectric withstand (min.)               | 2 KVAC   |
| Damping                                   | 0.40 dB/100ft @ 1MHz   |
| Skew                                      | 0.75   |
| DC resistance (max)                       | 7.06 Ω/1000ft max.   |
| Nom. Capacitance                          | 12 pF/ft nom.  |
| Nom. Impedance                            | 120 Ω ± 10% @ 1 MHz  |
| <b>Mechanical and chemical properties</b> |  |
| Bending radius (static)                   | ≥ 5 x Ø  |
| Bending radius (dynamic)                  | ≥ 15 x Ø   |
| Ambient temperature range (static)        | -40...+75 °C   |
| Ambient temperature range (dynamic)       | -40...+75 °C   |
| Temperature range (installation)          | -20...+75 °C   |
| <b>Approval</b>                           |  |
| UL Approvals                              | UL 13 PLTC<br>Sunlight Resistant<br>UL 13 CL2<br>UL 758 AWM 2570   |
| 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.   |