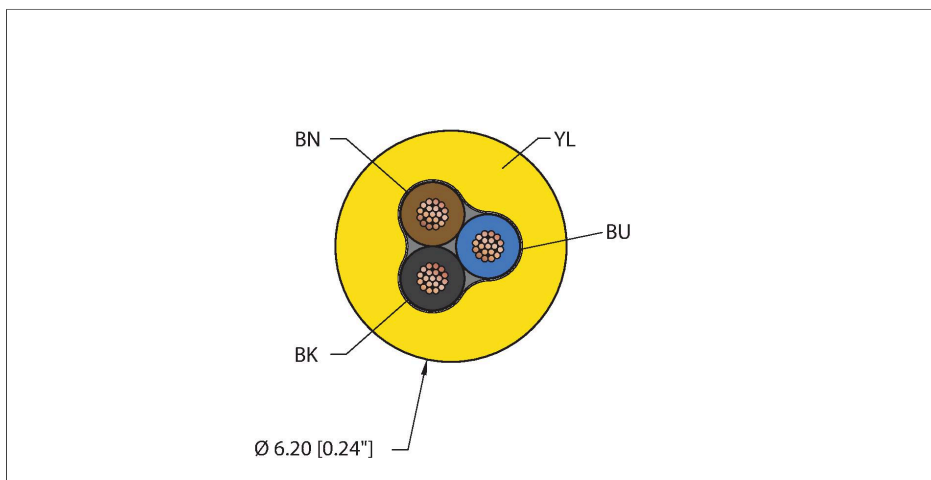


# YEL,PVC,3X18,ITC,MSHA Instrumentation Tray Cable – Reelfast™ Bulk Cable



## Features



- ITC 150V
- PLTC 300V
- UL/CSA AWM 600V
- CMX OUTDOOR 300V
- CMG 300V
- Instrumentation Tray Cable
- Yellow PVC jacket, 3X18 AWG
- Sunlight Resistant
- -40 Cold Bend Rating
- Oil Resistant
- Flame Ratings: UL 1685 FT4, UL1061, CSA FT4
- Flexlife® and C-Track Approved

## Technical data

|   |  |
|---|--|
| Type                                      | YEL,PVC,3X18,ITC,MSHA  |
| ID no.                                    | RF50513  |
| <b>Cable data</b>                         |  |
| Cable Platform                            | Instrumentation Tray Cable   |
| Total number of conductors                | 3  |
| Cable diameter                            | Ø 6.2 mm   |
| Cable jacket                              | PVC, Yellow  |
| Conductor diameter                        | 0.076 "  |
| Conductor material                        | TC (tinned copper)   |
| Conductor insulation material             | PVC  |
| Conductor size                            | 3 x 18 AWG [Similar to 0.75 mm <sup>2</sup> ]                            |
| Number of strands x O.D.                  | 19 x 0.0092 "  |
| Conductor colors                          | BN, BU, BK   |
| Weight                                    | 0.133 lbs. /meter  |
| <b>Electrical properties at +20 °C</b>    |  |
| Voltage                                   | ITC 150V<br>PLTC 300V<br>UL/CSA AWM 600V<br>CMX OUTDOOR 300V<br>CMG 300V |
| Dielectric withstand (min.)               | 2 KVAC   |
| DC resistance (max)                       | 7.22 Ω/1000ft max.   |
| <b>Mechanical and chemical properties</b> |  |
| Bending radius (static)                   | ≥ 5 x Ø  |
| Bending radius (dynamic)                  | ≥ 10 x Ø   |

## Technical data

|                                     |  |
|-------------------------------------|--|
| 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 °C...+105 °C   |
| Ambient temperature range (dynamic) | -40 °C...+105 °C   |
| Temperature range (installation)    | -20 °C...+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 2586 |
| CSA Approvals        | CSA AWM I/II A/B<br>UL 444 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.