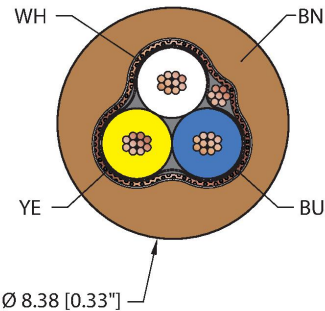


# BRN,PVC,3X20,S-FDB,PLTC,CC-LINK

## Fieldbus Technology Cable – Reelfast™ Bulk Cable



Features



- Fieldbus Technology Cable
- fieldbus type: CC-Link, PVC jacket, Brown, shielded, 3X20 AWG
- Sunlight Resistant
- -40 Cold Bend Rating
- Oil Resistant
- Flame Ratings: UL 1685 FT4, UL1061, CSA FT4
- PLTC 300V
- UL/CSA AWM 300V
- CMX OUTDOOR 300V
- CM 300V

Technical data

|                                 |                                                                                                |
|---------------------------------|------------------------------------------------------------------------------------------------|
| Type                            | BRN,PVC,3X20,S-FDB,PLTC,CC-LINK                                                                |
| ID                              | RF51126                                                                                        |
| Cable data                      |                                                                                                |
| Cable Platform                  | Fieldbus Technology Cable                                                                      |
| Fieldbus                        | CC-Link                                                                                        |
| Total number of conductors      | 3                                                                                              |
| Cable diameter                  | Ø 8.38 mm                                                                                      |
| Cable jacket                    | PVC, Brown                                                                                     |
| Shielding                       | Aluminum/polyester (OUT), 36 AWG, TC (Tinned Copper), 65% coverage, 20 AWG, TC (Tinned Copper) |
| Conductor diameter              | 0.097 "                                                                                        |
| Conductor material              | TC (tinned copper)                                                                             |
| Conductor insulation material   | Foamed HDPE                                                                                    |
| Conductor size                  | 3 x 20 AWG [Similar to 0.50 mm²]                                                               |
| Number of strands x O.D.        | 19 x 0.0073 "                                                                                  |
| Conductor colors                | WH, BU, YE                                                                                     |
| Weight                          | 0.203 lbs. /meter                                                                              |
| Electrical properties at +20 °C |                                                                                                |
| Voltage                         | PLTC 300V<br>UL/CSA AWM 300V<br>CMX OUTDOOR 300V<br>CM 300V                                    |
| Dielectric withstand (min.)     | 2 KVAC                                                                                         |
| Skew                            | 0.75                                                                                           |

BRN,PVC,3X20,S-FDB,PLTC,CC-LINK 03/17/2025 20-55 | technical changes reserved

## Technical data

|                                           |                                                                                                                                                                                      |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DC resistance (max)                       | 37.4 $\Omega$ /km nom.                                                                                                                                                               |
| Nom. Capacitance                          | 13 pF/ft nom.                                                                                                                                                                        |
| Nom. Impedance                            | 110 $\Omega$ nom.                                                                                                                                                                    |
| <b>Mechanical and chemical properties</b> |                                                                                                                                                                                      |
| 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...+80 °C                                                                                                                                                                         |
| Ambient temperature range (dynamic)       | -40...+80 °C                                                                                                                                                                         |
| Temperature range (installation)          | -20...+80 °C                                                                                                                                                                         |
| <b>Approval</b>                           |                                                                                                                                                                                      |
| UL Approvals                              | UL 13 PLTC<br>Sunlight Resistant<br>-40C Cold Bend<br>Oil Res I<br>UL 758 AWM 2464                                                                                                   |
| CSA Approvals                             | CSA AWM I/II A/B<br>CMX OUTDOOR-CM<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.                                                                                                           |