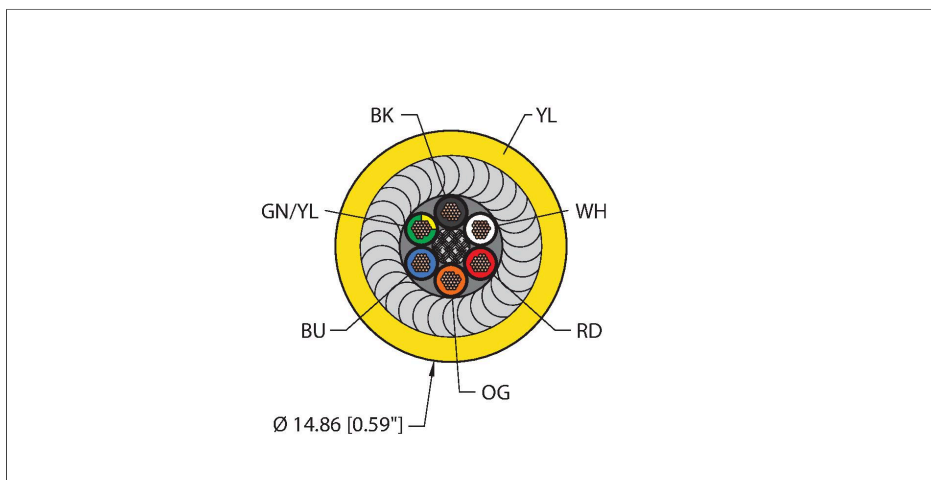


# YEL,PVC,6X18,IAA,MCDB Armorfast™ Instrumentation Cable – Reelfast™ Bulk Cable



## Features



- Interlocked Aluminum Armor
- MC 600V
- Armorfast™ Instrumentation Cable
- Yellow PVC jacket, cable armor: IAA, 6X18 AWG
- Sunlight Resistant
- Oil Resistant
- Flame Ratings: UL 1685 FT4, IEC 60332-3-22

## Technical data

|   |   |
|---|---|
| Type                                      | YEL,PVC,6X18,IAA,MCDB                         |
| ID no.                                    | RF51043                                       |
| <b>Cable data</b>                         |   |
| Cable Platform                            | Armorfast™ Instrumentation Cable              |
| Total number of conductors                | 6   |
| Cable diameter                            | Ø 14.86 mm                                    |
| Cable jacket                              | PVC, Yellow                                   |
| Armor                                     | IAA   |
| Diameter                                  | 11.43   |
| Conductor diameter                        | 0.087 "                                       |
| Conductor material                        | TC (tinned copper)                            |
| Conductor insulation material             | PVC/Nylon (Nylon overcoat)                    |
| Conductor size                            | 6 x 18 AWG [Similar to 0.75 mm <sup>2</sup> ] |
| Number of strands x O.D.                  | 19 x 0.0092 "                                 |
| Conductor colors                          | BK, WH, RD, OG, BU, GN/YL                     |
| Weight                                    | 0.622 lbs. /meter                             |
| <b>Electrical properties at +20 °C</b>    |   |
| Voltage                                   | MC 600V                                       |
| Dielectric withstand (min.)               | 2 KVAC  |
| DC resistance (max)                       | 7.22 Ω/1000ft max.                            |
| <b>Mechanical and chemical properties</b> |   |
| Bending radius (static)                   | ≥ 14 x Ø<br>(Armor diameter)                  |

## Technical data

|                                     |  |
|-------------------------------------|--|
| Ambient temperature range (static)  | -40 °C...+90 °C  |
| Ambient temperature range (dynamic) | -40 °C...+90 °C  |
| Temperature range (installation)    | -20 °C...+90 °C  |
| <b>Approval</b>                     |  |
| UL Approvals                        | UL 1569 MC<br>Sunlight Resistant<br>Direct Burial<br>Oil Res I   |
| CSA Approvals                       | 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.   |