

# CABLE 456-30M

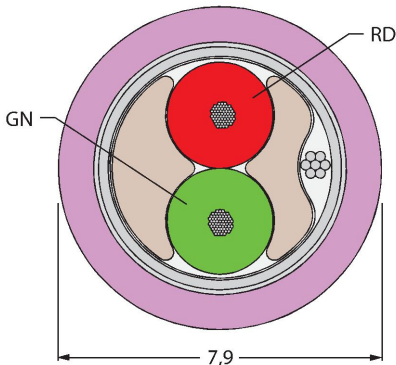
## PROFIBUS Cable – PUR Cable Jacket

### Features



- End open
- Open end
- Cable length: 30 m

### Cable Cross-Section



### Technical data

|                                          |                                   |
|------------------------------------------|-----------------------------------|
| Type                                     | CABLE 456-30M                     |
| ID                                       | 6604291                           |
| Number of Pins                           | 2                                 |
| Cable                                    |                                   |
| Network protocol                         | PROFIBUS-DP, 456                  |
| Cable diameter                           | Ø 7.9 mm ±0.30                    |
| Cable length                             | 30 m                              |
| Cable jacket                             | PUR, Violet                       |
| Shielding                                | Aluminum foil, tinned copper wire |
| Core insulation                          | PE                                |
| Core cross-section                       | 2 x 0.34 mm²                      |
| Arrangement of strands                   | 19 x 0.15 mm                      |
| Core colors                              | GN, RD                            |
| Electrical properties at +20 °C          |                                   |
| Rated voltage                            | 250 V                             |
| Current                                  | 4 A                               |
| DC resistance (loop)                     | 50 Ω/km                           |
| Nom. impedance                           | 150 Ω (1 MHz)                     |
| Nom. capacitance                         | 29.53 pF/m                        |
| Mechanical and chemical properties       |                                   |
| Bending radius (stationary installation) | ≥ 5 x Ø                           |
| Bending radius (flexible use)            | ≥ 15 x Ø                          |
| Ambient temperature range (stationary)   | -40...+80 °C                      |
| Ambient temperature range (In motion)    | -40...+80 °C                      |
| Other Featues                            |                                   |
| Qualified for drag chain use             | no                                |
| Halogen-free                             | no                                |

## Technical data

|                 |           |
|-----------------|-----------|
| UV resistance   | yes       |
| Flame-retardant | yes       |
| Approvals       | UL<br>CSA |