
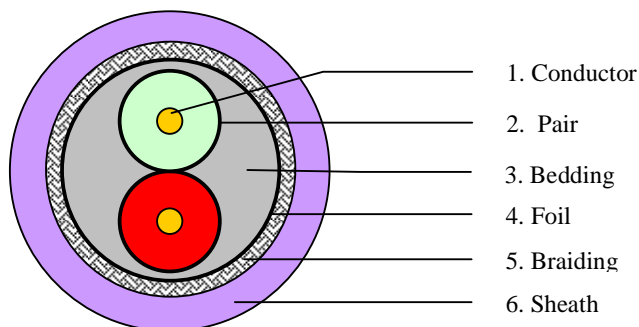


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|  | TECHNICAL DATA SHEET | code | 70104E |
| | Profibus cable FC 2 x AWG 22 | version | 1 |
| | “Fast Connect” | date | 2014-07-01 |
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APPLICATION

Instrumentation and computer cable for Data Transmission applications such as Profibus.
 AWM 20276 60C 30V: Internal wiring or external interconnection of electronic equipment

CONSTRUCTION



| | |
|------------------------------|---|
| 1. Conductor | AWG22 solid bare Cu |
| 2. Pair | |
| Material | Foam Polyethylene |
| Diameter over insulation | 2.45 ± 0.10 mm |
| Colour of insulation | Red and green |
| Foil | The pair is wrapped with a polyester foil |
| 3. Bedding | |
| Material | PVC |
| Nom. diameter over bedding | 5.50 mm |
| 4. Foil | |
| Material | Aluminium / Polyester |
| 5. Braiding | |
| Material | Tinned Cu |
| Coverage | 65% |
| 6. Sheath | |
| Material | PVC |
| Colour | Violet (like RAL4001) |
| Nominal diameter over sheath | 8.20 mm |

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REQUIREMENTS AND TEST METHODS

Electrical:

| | |
|---|------------|
| Nominal resistance conductor | 52 Ω/km |
| Nominal capacitance conductor to conductor @ 1kHz | 30 pF/m |
| Impedance (3 – 20 MHz) | 150 ± 15 Ω |

*Nominal values are for information only.

Mechanical and physical:

| | |
|---|--------------------------|
| Temperature range installing | -15 to +70 °C |
| Temperature range operating (moving installation) | -15 to +70 °C |
| Temperature range storage and fixed installation | -40 to +70 °C |
| UL temperature range | -15 to +60 °C |
| Voltage rating | 30 V |
| Flame test | UL AWM Cable flame test |
| Minimum bending/setting radius | 10 x / 5x cable diameter |



Belden declares this product to be in compliance with the environmental regulations EU RoHS (Directive 2002/95/EC, 27 January 2003); this is valid for all material produced after the RoHS compliant date for this product.