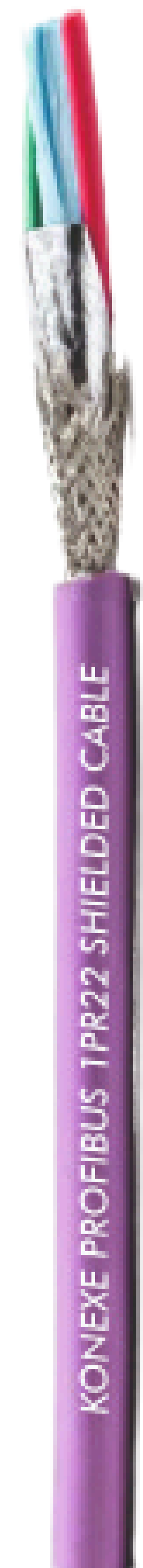
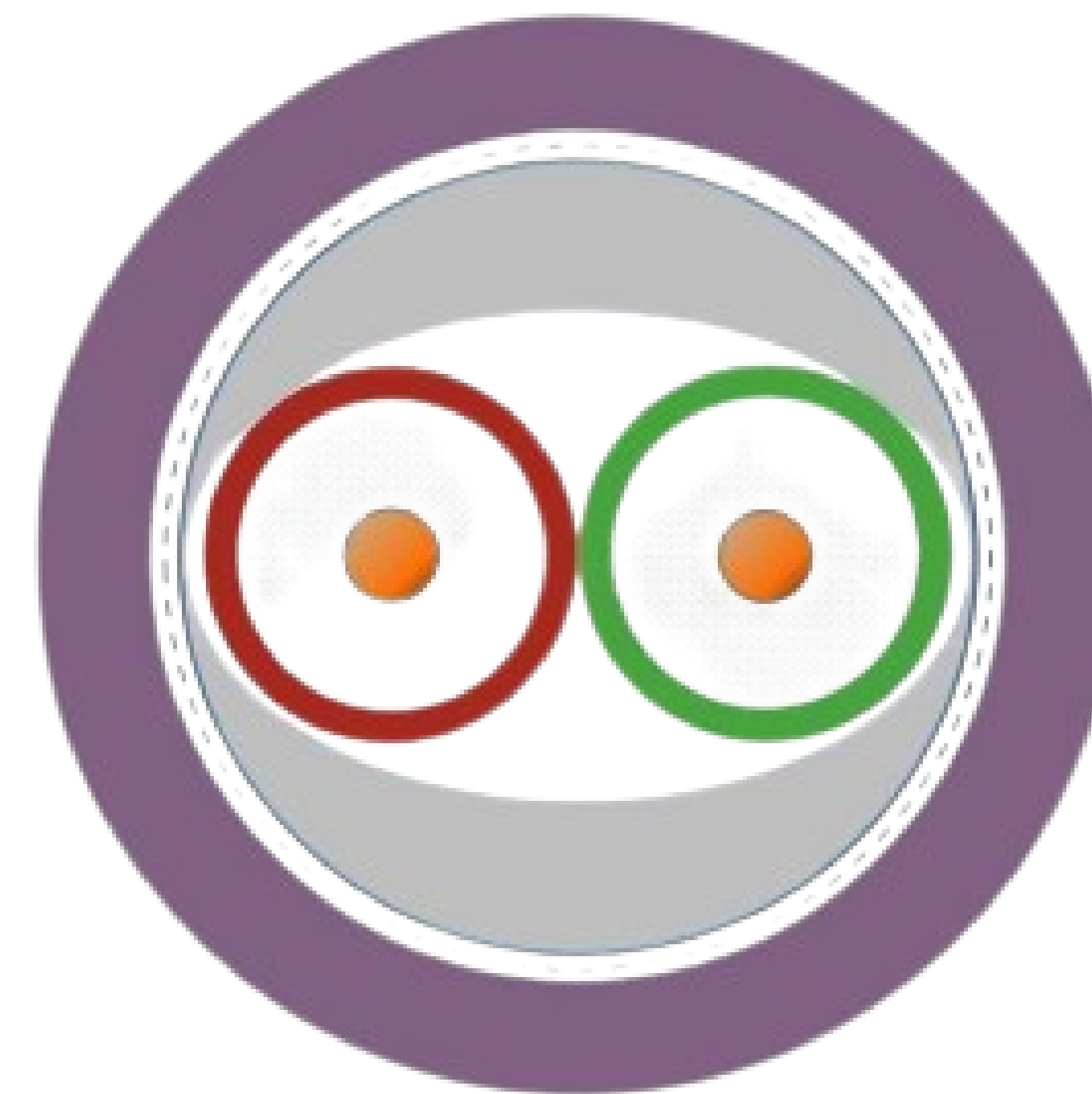


KONEXE PROFIBUS CABLE

KNXC-PB221P



Application

Flame retardant data cable for the fieldbus system Konexe Profibus DP. The transmission characteristics are conform to the system and guarantee a high operating security during the data transmission. The cable is designed for applications in dry and damp interiors, outdoors and in rough industrial environment.

| | |
|---------------------------------|--|
| Conductor | Number of Conductors : 2 (1 Pair) Bare copper, Diameter : 0.65 mm |
| Insulation | FHDPE - Foam High density polyethylene Wall Thickness : 0.93 mm Nominal Core diameter : 2.5 mm |
| Core identification code | Red + Green |
| Stranding | Twisted Pair Lay Direction : R.H. Filler : Special thread |
| Screen / Shield | Braiding of Tinned Copper Coverage : 65% |
| Taping | Alumyar Tap (Aluminium + Polyester Tape) Coverage : 100% |

| | |
|------------------------|--|
| Conductor Gauge | 22 AWG |
| Outer sheath | PVC compound, violet Nominal Wall Thickness : 1 mm Outer Diameter : 8.0 mm |

Electrical properties

| | |
|--|---|
| Nominal Impedance (Ω) | 150 |
| Nominal Conductor DC Resistance (Ω / Km) | 62 |
| Elongation Of PVC (%) | > 150 |
| Tensile Strength Of PVC (N/sq mm) | > 12.5 |
| Heat Shock Test (°C) | Should be No Cracks @ 150 °C for 1 Hr. |
| High Voltage Test (kV) | Should withstands with 1.1 KV (rms) Voltage |

Mechanical and thermal properties

| | |
|-------------------------------|---|
| Minimum bending radius | Minimum bending radius 8 x outer diameter |
| Temperature range | from -20°C up to +60°C UL Temperature Rating : 60°C |
| Flame Test | Yes |
| ISO Certificate | 9001 : 2000 14001 : 2004 |
| EU Directive ROHS | Yes EU CE marked |