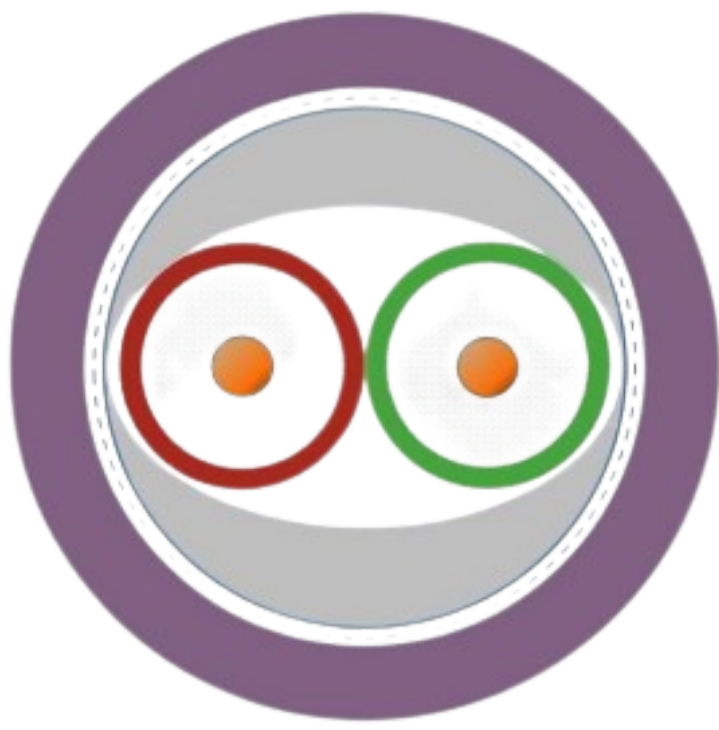


PROFIBUS 1 PAIR 22 AWG CABLE

KNXC-PB221P



Application

Flame retardant data cable for the fieldbus system Konexe Pofibus 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	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