



KITRONIC PB

FA Network Cable for PROFIBUS E150633 AWM
2464 80°C 300V VW-1 1P x 0.65mm KWANGIL RoHS



Foamed polyethylene / Braid Shielded

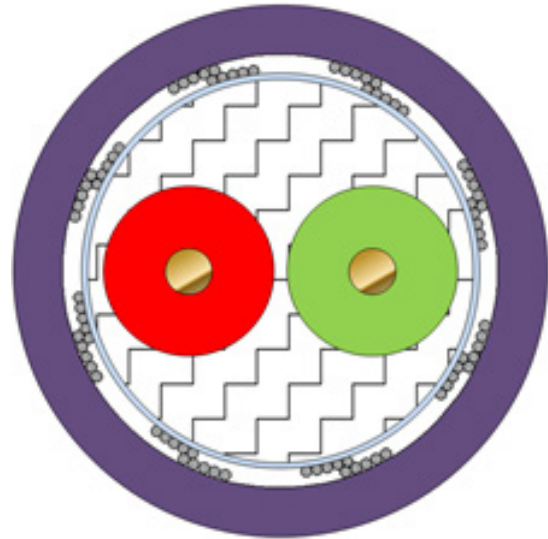
This system cable is used to interconnect L2-BUS components. This cable is an economical solution for the cell and field area. For the information exchange between different automation systems as well as for communication with the connected decentralized field units, serial field bus systems are used. The types mentioned here are suitable for indoor laying and are equipped with a special PVC sheath.

Technical Data

Nominal Rating	80°C, 300V		
Insulation Resistance	Min. 1,000 MΩ/km		
Spark Test Voltage	AC 500V		
Dielectric Test Voltage			
Core/Core	AC 500V / 1 min		
Core/Screen	AC 300V / 1 min		
Conductor Resistance	Solid Type	Max. 55.00 Ω/km	
	Stranded Type	Max. 86.70 Ω/km	
Mutual Capacitance	Max. 30.0 nF/m		
Characteristics impedance	150 ± 15 Ω		
Attenuation	Solid Type	9.6 kHz	Max. 2.5 dB/km
		38.4 kHz	Max. 4.2 dB/km
		4.0 kHz	Max. 22.0 dB/km
		16.0 kHz	Max. 42.0 dB/km
Insulation Resistance	Stranded type	9.6 kHz	Min. 3.0 dB/km
		38.4kHz	Min. 5.0 dB/km
		4.0kHz	Min. 26.0 dB/km
		16.0kHz	Min. 55.0 dB/km
Toxicity	acc. to RoHS		
Fire performance	Flame retardant and self-extinguishing acc. to IEC 60332-1, EN 60332-1 VW-1 acc. to UL 1581 section 1080 FT1 acc. to UL 1581 section 1060		

Outstanding Features

- PROFIBUS Certified
- Standard PROFIBUS cable for data transmission.
- Variations prepared to match various use environment
- Good EMC characteristics
- No toxicity
- No flame propagation
- Flame retardant and self-extinguishing



Construction

Conductor	Solid or stranded Bare copper standard acc to IEC 60228, EN 60228, VDE 0295 Class 1 or class 6
Insulation	Soamed Polyethylene
Insulation Color	Red, Green
Filler	If necessary
Wrapping	Aluminium Mylar Foil Shield Tape
Shield	Tinned copper Braid Shielded
Sheath	Special Poly Vinyl Chloride
Sheath Color	Violet

Type	Conductor		Insulation Size (mm)	Sheath Size (mm)
	Size	Class		
Solid	22AWG	1	2.60	8.40
Stranded	22AWG	6		8.40