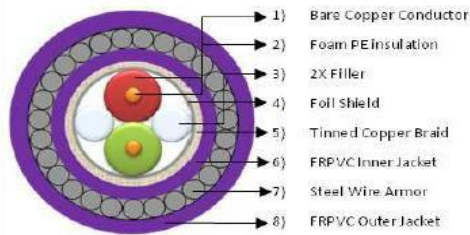


TECHNICAL DATA SHEET

Profibus DP Application

Cable Diagram



Description

Cable Part Code*	YZ65745
Cable Description	1Pair 22WAG FMPE/OBS/PVC/SWA/FR PVC Armored Profibus DP cable

Conductor

Conductor Material	Bare Copper
Conductor Size	22AWG
Conductor Stranding(No. of strands/diameter or AWG)	1X22

Insulation

No. of Pairs	1
Insulation Material	FMPE
Insulation Color Code	Green & Red

Overall Shield

Overall Shield Type	1st: Beldfoil®	2nd: Braid
Overall Shield Material	AL/PET Tape	Tinned Copper
Overall Shield Coverage	100%	50% Nom.

Inner Jacket/Sheath Material

Inner Jacket Material	PVC
Nom. Overall Diameter (mm)	7.8

Armour

Armour Type	SWA (Galvanized Steel Wire Armour)
Nom. Diameter Over Armor (mm)	9.6

Outer Jacket/Sheath Material

Outer Jacket Material	FR PVC
Nom. Overall Diameter (mm)	12.3

Physical/Mechanical Properties

Temperature Range	-20°C To +70°C
Flame Retardant	IEC 60332 - 1 - 2
UV / Sun Light Resistance	Yes
Min. Bending Radius (Install)	12 X OD
Nom. Cable Weight (kg/km)	141.63

Electrical Properties

Voltage Rating (V)	300 V RMS
Max. Conductor Resistance @20°C	16.0 Ω /1000FT
Nom. Mutual Capacitance @ 1KHz	8.5 pF/FT
Nom. Velocity of propagation	78%
Nom. Impedance @3~20MHz:	150 Ω
Max. Attenuation @ 0.2 MHz	1.10 dB/100m
Max. Attenuation @ 4 MHz	2.65 dB/100m
Max. Attenuation @ 6 MHz	5.4 dB/100m

*Ordering stock code will be created at the time of placing the order and the stock code will include cable part code, outer jacket color & putup length.

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