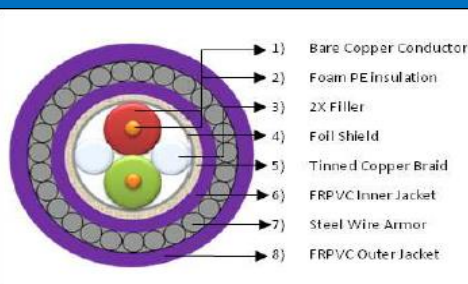


TECHNICAL DATA SHEET

Profibus DP Application

Cable Diagram



Description

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

© 2016 Belden, Inc
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein. All sales of Belden products are subject to Belden's standard terms and conditions of sale.