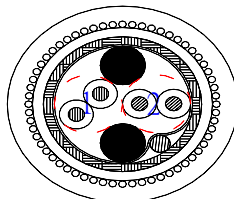


TECHNICAL DATA SHEET

Low Capacitance Cable for EIA/TIA RS – 232 / 422 / 485 / CANBUS

Cable Diagram



Description	
Cable Part Code*	YJ72611
Cable Description	2 Pair 0.5 mm2 FMPO/OS/OBS/PVC/SWA/PVC Armored RS-485 Cable

Conductor	
Conductor Material	Stranded Tinned Copper
Conductor Size	0.5 mm2
Conductor Stranding Standard	IEC 60228 Class 5

Insulation	
No. of Pairs	2
Insulation Material	FMPE
Insulation Color Code	1. White/Blue & Blue/White 2. White/Orange & Orange/White

Overall Shield		
Overall Shield Type	1st: Beldfoil®	2nd: Braid
Overall Shield Material	AL/PET Tape	Tinned Copper
Overall Shield Coverage	100%	50% Nom.
Drain Wire	24 AWG Stranded Tinned Copper	

Inner Jacket/Sheath Material	
Inner Jacket Material	PVC
Nom. Overall Diameter (mm)	10.7

Armour	
Armour Type	SWA (Galvanized Steel Wire Armor)
Nom. Diameter Over Armor (mm)	12.3

Outer Jacket/Sheath Material	
Outer Jacket Material	PVC
Nom. Overall Diameter (mm)	14.8

Physical/Mechanical Properties	
Temperature Range	-20°C To +80°C
Flame Retardant	IEC 60332 - 1 - 2
UV / Sun Light Resistance	Yes (Black Only)
Min. Bending Radius (Install)	12 X OD
Nom. Cable Weight (kg/km)	348

Electrical Properties	
Voltage Rating (V)	300 V RMS
Max. Conductor Resistance @20°C	36.7 Ω/km
Nom. Capacitance core to core @ 1KHz	36 pF/m
Nom. Capacitance core to screen @ 1KHz	69 pF/m
Nom. Impedance @ 1MHz:	120 Ω
Nom. Attenuation @ 1MHz:	1.64 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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