

Cables for EIA RS-232 Applications,

3C TO 9C, 24AWG, Overall Screen, HFFR/LSZH Sheath

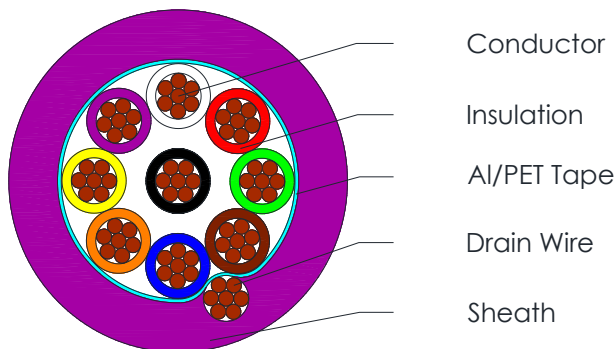


C5326, C5327, C5328, C5329, C5330, C5331, C5332

Applications

Building Management Systems (BMS), Access Control, Instrumentation

Cross Section Drawing



Design

Unit	Properties
Conductor	Flexible Tinned Copper wire
Insulation	Halogen Free Flame Retardant (HFFR/LSZH) Core 1: Black Core 2: White Core 3: Red Core 4: Green Core 5: Brown Core 6: Blue Core 7: Orange Core 8: Yellow Core 9: Purple
Cabling	Filler (Optional)
Screen	Aluminium/Polyester tape
Drain Wire	Tinned Copper wire
Sheath Material	Halogen Free Flame Retardant (HFFR/LSZH) Standard Colour: Purple
Standard Put Up Length	305 metres

*Other Colors, Put Up Lengths and structures can be manufactured upon request, please contact your local B3 International sales representative.

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Physical Characteristics

Part Number	C5326	C5327	C5328	C5329	C5330	C5331	C5332
No of Cores	3	4	5	6	7	8	9
Nom. Conductor Configuration (AWG)	24(7x32)						
Nom. Radial Thickness Insulation (mm)	0.25						
Drain Wire size (AWG)	24(7x32)						
Screen Coverage (%)	115						
Nom. Radial Thickness Sheath (mm)	0.8						
Nom. Overall Diameter (mm)	4.2	4.4	4.8	5.0	5.1	5.4	5.8
Operating Temperature (°C)	-30 / +80						
Max. Recommend. Pulling Tension (N)	74	98	122	147	171	196	220
Min. Bend Radius (install) (mm)	42	44	48	50	51	54	58
Nominal Cable Weight (kg/km)	23.8	29.7	32.7	42.9	44.5	46	49

Electrical Characteristics

Part Number	C5326	C5327	C5328	C5329	C5330	C5331	C5332
No of pairs	3	4	5	6	7	8	9
Max. DC Resistance Conductor (Ω /km)	88						
Max. DC Resistance Screen (Ω /km)	78.4						
Capacitance core to core (pF/m)	108	108	108	108	108	108	98
Capacitance core to other cores.+screen (pF/m)	213	213	213	213	213	213	180
Max. Recommend. Current @ 25°C (Amps)	1.75	1.75	1.75	1.75	1.75	1.75	1.75
Max. Operating Voltage (Vrms)	300						

Reference Standards

IEC 60332-3-24	BS)EN 50290
IEC 61034	IEC 60754-1 & 2
IEC 60228	RoHS directives