

Cables for EIA RS-232 Applications, 3C TO 9C, 24AWG, Overall Screen, PVC Sheath

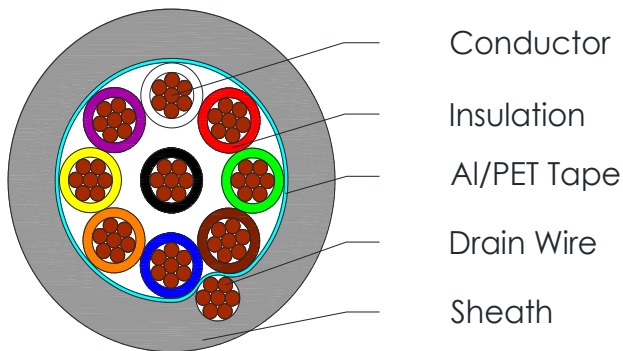


C4003, C4004, C4005, C4006, C4007, C4008, C4009

Applications

Building Management Systems (BMS), Access Control, Instrumentation

Cross Section Drawing



Design

Unit	Properties
Conductor	Flexible Tinned Copper wire
Insulation	Semi-Rigid Polyvinyl Chloride (PVC) 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	Polyvinyl Chloride (PVC) Standard Colour: Grey
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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C4003, C4004, C4005, C4006, C4007, C4008, C4009

Physical Characteristics

Part Number	C4003	C4004	C4005	C4006	C4007	C4008	C4009
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	C4003	C4004	C4005	C4006	C4007	C4008	C4009
No of Cores	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 60332-1	BS)EN 50290
IEC 60228	RoHS directives