

Paralleled Control Cables

22AWG, Individual and Overall Screened, PVC Sheath

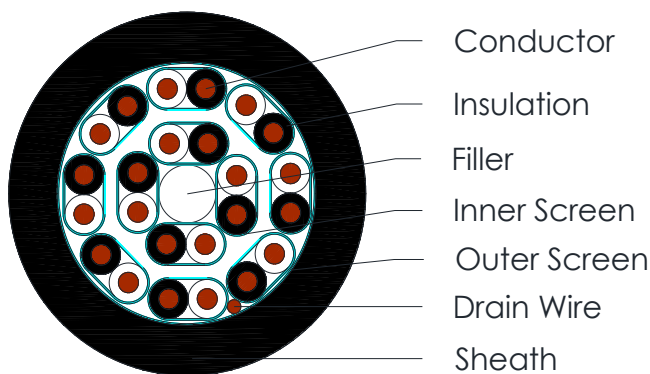


C4112, C4113

Applications

Paralleled Cables used for Control and transmission applications.

Cross Section Drawing



Design

Unit	Properties
Conductor	Bare Copper wire
Insulation	Foam PE
Pair	two parallel cores
Individual Screen	Aluminium/Polyester 100% Coverage
Filler (if applicable)	PE or PVC
Drain Wire	Tinned Copper
Overall Screen	Aluminium/Polyester 100% Coverage
Sheath Material	Polyvinyl Chloride (PVC) Standard Color: Black
Standard Put Up Length	305 or 500 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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C4112, C4113

Physical Characteristics

Part Number	C4112	C4113
No of pairs	12	23
Conductor Gauge (AMG)	22	
Conductor Diameter (mm)	0.645	
Nom. Radial Thickness Insulation (mm)	0.55	
Nom. Insulation Diameter (mm)	1.75	
Nom. Drain Wire Diameter (mm)	0.50	
Nom. Radial Thickness Sheath (mm)	1.2	1.5
Nom. Overall Diameter (mm)	14.5	19.6
Operating Temperature (°C)	-25 / +75	
Nominal Cable Weight (kg/km)	201	366

Electrical Characteristics

Part Number	C4112	C4113
No of pairs	12	23
Max. DC Resistance Conductor (Ω /km)	59.1	
Min. Insulation DC Resistance ($M\Omega$ *km)	100	

Reference Standards

(IEC 60332-1
IEC 60228
(BS)EN 50290-2
RoHS directives