

Control Cable, 3C, 0.5 to 2.0mm² PVC Insulated and Sheathed

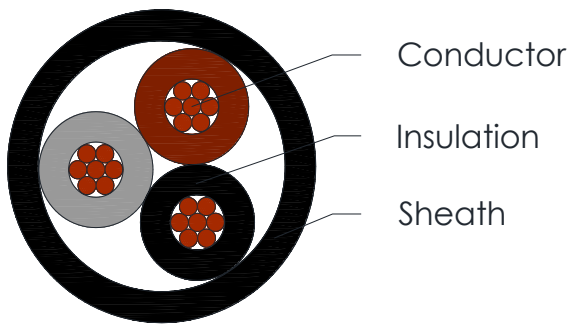


C4548, C4549, 4550, C455 I

Applications

Used in remote control system in power plant and substation. It is lighter and more flexible than conventional rubber insulated lead sheathed control cable.

Cross Section Drawing



Design

Unit	Properties
Conductor	Annealed Copper wire
Insulation	Polyvinyl Chloride (PVC) Core Color: Brown, Black and Grey
Sheath	Flame-Retardant Polyvinyl Chloride (PVC) Standard colour: Black
Standard Put Up Length	305 meters

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

**Control Cable,
3C, 0.5 to 2.0mm² PVC Insulated and Sheathed**



C4548, C4549, 4550, C4551

Physical Characteristics

Part Number	C4548	C4549	C4550	C4551
No of Cores	3			
Cross Section (mm ²)	0.50	1.25	1.50	2.00
Nom. Radial Thickness Insulation(mm)	0.80			
Nom. Radial Thickness Sheath(mm)	0.80			
Nom. Overall Diameter(mm)	7.00	8.10	8.40	8.90
Operating Temperature (°C)	-25 to +75			
Min. Bend Radius (install)(mm)	70	81	84	89
Nominal Cable Weight (kg/km)	52.5	81.7	92.0	110

Electrical Characteristics at 20°C

Part Number	C4548	C4549	C4550	C4551
No of Cores	3			
Max. DC Resistance Conductor (Ω/km)	36.0	14.5	12.1	8.89
Max. Operating Voltage (Vrms)	600			

Reference Standards

(BS) EN 50290-2
IEC 60228
IEC 60227-1
IEC 60332-1
RoHS directives