

Bare Copper & Yellow/Green Earthing Conductor



► APPLICATION

These cables are intended for use in electrical installations for earthing purpose

► CONSTRUCTION

Conductor : Stranded plain copper class 2 to BS6360/IEC60228-1 / BSEN:60228

Insulation : PVC Type TI 1 to BSEN:50363-3 for Yellow/Green earth wire only

► PACKAGING

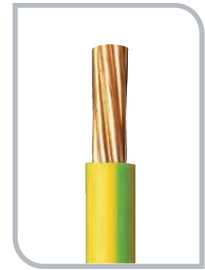
- All sizes can be supplied in non-returnable ply/wooden reels of 500m and 1000m
- Customised lengths available on request

► TECHNICAL DATA

Max. Operating Temperature : 70°C

Rated Voltage : 450/750V

Standards : BSEN:50525-2-31



BARE COPPER

Nominal Cross-Sectional Area (mm ²)	Conductor			Approx. Overall Diameter (mm)	Approx. Nett Weight (kg/km)	Approx. Current Carrying Capacity (A)	Product Code
	Number of Strands	Diameter of Strand (mm)	Max. Resistance at 20°C (Ω/km)				
10.0	7	1.35	1.830	4.05	88.90	50	BC10.0
16.0	7	1.70	1.150	5.10	142.24	68	BC16.0
25.0	7	2.14	0.727	6.42	222.25	89	BC25.0
35.0	7	2.52	0.524	7.56	311.15	110	BC35.0
50.0	19	1.83	0.387	9.15	444.50	134	BC50.0
70.0	19	2.17	0.268	10.85	622.30	171	BC70.0
95.0	19	2.52	0.193	12.60	844.55	207	BC95.0
120.0	37	2.04	0.153	14.28	1066.80	239	BC120.0
150.0	37	2.27	0.124	15.89	1333.50	262	BC150.0
185.0	37	2.52	0.0991	17.64	1644.65	296	BC185.0
240.0	61	2.25	0.0754	15.75	2133.60	346	BC240.0
300.0	61	2.50	0.0601	22.50	2667.00	394	BC300.0

YELLOW/GREEN EARTH WIRE

Nominal Cross-Sectional Area (mm ²)	Conductor			Radial Thickness of Insulation (mm)	Approx. Overall Diameter (mm)	Approx. Nett Weight (kg/km)	Approx. Current Carrying Capacity (A)	Product Code
	Number of Strands	Diameter of Strand (mm)	Max. Resistance at 20°C (Ω/km)					
10.0	7	1.35	1.830	1.0	6.70	110	50	SC10.0YG
16.0	7	1.70	1.150	1.0	7.10	171	68	SC16.0YG
25.0	7	2.14	0.727	1.2	9.70	260	89	SC25.0YG
35.0	7	2.52	0.524	1.2	10.90	350	110	SC35.0YG
50.0	19	1.83	0.387	1.4	12.80	480	134	SC50.0YG
70.0	19	2.17	0.268	1.4	14.60	680	171	SC70.0YG
95.0	19	2.52	0.193	1.6	17.10	930	207	SC95.0YG
120.0	37	2.04	0.153	1.6	18.80	1160	239	SC120.0YG
150.0	37	2.25	0.124	1.8	20.90	1430	262	SC150.0YG
185.0	37	2.52	0.0991	2.0	23.30	1740	296	SC185.0YG
240.0	61	2.24	0.0754	2.0	26.60	2270	346	SC240.0YG
300.0	61	2.50	0.0601	2.2	29.60	2840	394	SC300.0YG