

## DIMENSIONS

No. Of Cores	Nominal Cross Sectional Area mm <sup>2</sup>	Nominal Thickness Of Insulation mm	Bedding Thickness mm	Diameter Of Steel Wire mm	Nominal Thickness Of Sheath mm	Nominal Overall Diameter mm	Nominal Weight kg/km
8	1	0.6	0.8	0.9	1.4	13.2	388
8	1.5	0.6	0.8	0.9	1.4	13.4	451
12	1	0.6	0.8	1.25	1.4	16.2	615
12	1.5	0.6	0.8	1.25	1.5	17.4	729
16	1	0.6	0.8	0.9	1.5	17.6	725
16	1.5	0.6	0.8	1.25	1.6	18.9	864
20	1	0.6	0.8	1.25	1.6	19	841
20	1.5	0.6	0.8	1.25	1.6	20.2	997

## CONDUCTORS

Class 1 Solid Conductors for Single Core and Multi-Core Cables

Nominal Cross Sectional Area mm <sup>2</sup>	Maximum Resistance Of Conductor At 20°C
	Circular, Annealed Copper Conductors
	Plain Wires ohms/km
1	18.1
1.5	12.1

The above table is in accordance with BS EN 60228 (previously BS 6360)

## ELECTRICAL CHARACTERISTICS

Current Carrying Capacity and Resistance Values

No. Of Cores	Nominal Cross Sectional Area mm <sup>2</sup>	Maximum Conductor Resistance At 20°C ohms/km	Current Carrying Capacity		VOLTAGE DROP mV/A/m
			In Air Amps	Direct Burial Amps	
8	1	18.1	12	10.5	25
12	1	18.1	10	8.7	25
16	1	18.1	9	8	25
20	1	18.1	8	7.1	25
8	1.5	12.1	15	13.5	38
12	1.5	12.1	13	11.7	38
16	1.5	12.1	11	10	38
20	1.5	12.1	10	9.1	38