

Single Core Armoured (Copper)

XLPE/PVC/AWA/PVC (COPPER) BS5467

Single core plain annealed copper conductor, XLPE insulated/PVC extruded bedded/Aluminium wire armoured/PVC sheathed. 600/1000 volts grade to BS5467.

SIZE SQ.MM	MAXIMUM DIAMETER OVER CONDUCTOR MM	RT OF INSULATION MM	DIAMETER OVER CORE MM	RT OF BEDDING MM	DIAMETER OVER BEDDING MM	DIAMETER OF ARMOUR WIRE MM	DIAMETER OVER ARMOUR MM	APPROX OVERALL DIAMETER MM	WEIGHT KG/KM
50	8.90	1.0	10.9	0.8	12.6	0.9	14.5	17.5	708
70	10.70	1.0	12.9	0.8	14.6	1.25	17.1	20.2	970
95	12.60	1.1	14.8	0.8	16.4	1.25	19.0	22.3	1240
120	14.21	1.2	16.7	0.8	18.4	1.25	21.0	24.2	1510
150	15.75	1.4	18.6	1.0	20.7	1.6	24.0	27.4	1930
185	17.64	1.6	20.9	1.0	23.0	1.6	26.3	30.0	2330
240	20.25	1.7	23.8	1.0	25.9	1.6	29.2	32.8	2900
300	22.68	1.8	26.4	1.0	28.5	1.6	31.8	35.6	3530
400	25.65	2.0	29.8	1.2	32.3	2.0	36.4	40.4	4690
500	28.80	2.2	33.3	1.2	35.8	2.0	39.9	44.2	5740
630	32.76	2.4	37.7	1.2	40.2	2.0	44.3	48.8	7150
800	37.05	2.6	42.4	1.4	45.3	2.5	50.4	55.4	9070
1000	41.60	2.8	47.3	1.4	50.2	2.5	55.3	60.6	11120

Conductor stranding:

Class 2 - stranded circular or circular compacted.

Operating temperature:

Maximum 90°C, Minimum bending 0 °C.

Conductor identification:

Black

Minimum bending radius:

6 x overall diameter



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