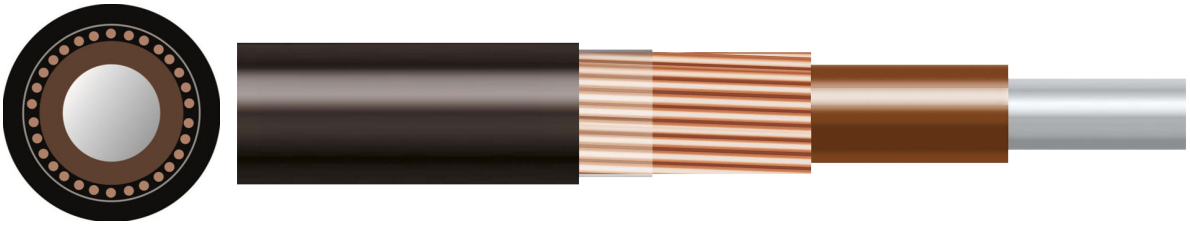
ALUMINIUM PVC STRAIGHT CONCENTRIC BS7870



Straight concentric cables, often employed by Distribution Network Operators, act as durable energy supply cables. They find extensive use in power station distribution, panel boards, and street lighting installations, providing crucial mechanical shielding for dependable power transmission.

CONDUCTOR	Aluminium
STRANDING	Class 1
INSULATION	XLPE
OUTERSHEATH	PVC
OUTERSHEATH COLOUR	Black
RATED VOLTAGE	0.6/1kV
MINIMUM BENDING RADIUS	Overall Bending Radius 8x
OPERATING TEMPERATURE	70°C
STANDARDS	BS 7870-3-11, EN 60228 Flame Retardant according to IEC/EN 60332-1-2

SPECIFICATION DATA

ELECTRICAL CHARACTERISTICS

No. of Cores	Nominal Cross Sectional Area mm2	Current Carrying Capacity AMPS (in Air)	Currnet Carrying Capacity Amps (Clipped Direct)	Current Carrying Capacity Amps (Enclosed in Conduit on a Wall)
1	25	127	119	105
1	35	158	147	128
3	25	97	90	84
3	35	120	112	103

CONDUCTORS

Nomincal Coross Sectional Area mm2	Maximum DC Resistance of Conductor at 20°C ohms/km	Maximum DC Resistance of Concentric Conductor at 20°C ohms/km
25	1.2	1.3
35	0.868	0.91

DIMENSIONS

BATT Part No	Cores	Nominal cross sectional area of conductor	Approx overall diameter	Weight
16791	3	35	25	820

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