



• Application

Aluminium PVC Concentric Cables are suitable for direct burial underground or outdoor installation and can be used in both dry and damp environments. They find frequent application in power distribution networks, ammeter panels, instruments, and circuit panels.

• Performance

Electrical Performance U_0/U : 0.6/1kV
 Mechanical Performance: Minimum bending radius: 8 x overall diameter
 Terminal Performance:
 Maximum service temperature: 70°C
 Minimum service temperature: -15°C
 Fire Performance: Flame Retardant according to IEC/EN 60332-1-2 Standard

• Construction

Conductor: Class 1 Aluminium conductor
 Insulation: XLPE Insulation
 Concentric Neutral / Earth Conductor: Single layer of plain copper wires
 Sheath: PVC Sheath
 Sheath Colour: Black

• Specification

-BS 7870-3-11, LV and MV polymeric insulated cables with rated voltage 0.6/1 kV for use by distribution and generation utilities
 -EN 60228 Aluminium LSZH Concentric Cables

• Eastful Cable Lab



We have CNAS Accredited Facility to assure conformity assessment services with a focus on quality, expertise, and customer satisfaction. CNAS has international mutual recognition among IAF, ILAC, APLAC and PAC.

• Accreditation

We meet the requirements of ISO9001, ISO14001, ISO45001 and ISO50001 and our cables have certificate of CCC, RoHS, CASC, UL, cUL, TÜV Rhineland and CCS.



• National Green Factory



Our facility has been awarded of National Green Factory by Ministry of Industry and Information Technology of China. We are committed to the development of high-end, intelligent and green manufacturing industry.

*The overall energy consumption level of green factories is better than the energy efficiency benchmark level.

● Technical Parameters

No. of Cores	Nominal Cross Section Area	Nominal Overall Dia.	Max. D.C. Resistance of Conductor at 20°C	Max. D.C. Resistance of Concentric Conductor at 20°C	Concentric Cable Current Carrying Capacity		
					In Air	Clipped Direct	Enclosed in Conduit on a Wall
-	mm ²	mm	Ω/km	Ω/km	A	A	A
1	25	13	1.2	1.3	127	119	105
1	35	14	0.868	0.91	158	147	128
3	25	23	1.2	1.3	97	90	84
3	35	25	0.868	0.91	120	112	103

Note:

Conductor Operating Temperature: 90°C

Ambient Temperature: 30°C