



● Application

PVC Split Concentric Cable is utilized by distribution network operators (DNOs) for providing the final connection to domestic properties. It is also suitable for sub-main distribution and is particularly favored within high-rise buildings and street lighting systems.

● Performance

Electrical Performance: Rated voltage U_0/U : 0.6/1kV
 Mechanical Performance: Minimum bending radius: 8 times the 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 2 stranded copper conductor
 Insulation: XLPE (Cross-linked polyethylene)
 Neutral Conductor: Plain copper wires covered by a blue polymeric compound
 Earth Continuity Conductor: Plain copper wires
 String Separator: Non-hydroscopic separator
 Sheath: PVC (Polyvinyl Chloride)
 Sheath Colour: Black

● Specification

-BS 7870-3-21: 2011 LV and MV polymeric insulated cables for use by distribution and generation utilities - Part 3-21: Specification for distribution cables of rated voltage 0.6/1 kV with aluminium conductors and split concentric protective neutral.
 -EN 60228 Standard Aluminium LSZH Split Concentric Cable

● 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. Resistance of 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	4	10	4.8	4.8	42	41	37
1	16	14	1.2	1.2	100	99	88
1	25	16	0.76	1.2	129	120	110
3	35	28.5	0.55	0.76	135	130	117

Note:

Conductor Operating Temperature: 90°C

Ambient Temperature: 30°C