



## ● Application

LSZH Split Concentric Cable is suitable for providing the final connection to residential premises in distribution network cables. BS 7870 Concentric Neutral Cable is also suitable for street lighting and sub-main distribution 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: Cross-linked polyethylene (XLPE)  
 Neutral Conductor: Plain copper wires covered by a blue polymeric compound  
 Earth Continuity Conductor: Plain copper wires  
 String Separator: Non-hydroscopic separator  
 Sheath: Low Smoke Halogen Free (LSHF)  
 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. 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 <sup>2</sup>	mm	Ω/km	Ω/km	A	A	A
1	4	11	1.2	4.61	42	41	37
1	16	16	1.2	1.15	100	99	88
1	25	19	1.2	0.727	129	120	110
1	35	23	0.868	0.524	135	130	117

Note:

Conductor Operating Temperature: 90°C

Ambient Temperature: 30°C