

Split Concentric Cable 1kV - BS7870, XLPE, PVC - 4mm² to 35mm²



Description

Used by Distribution Network Operators (DNO's) such as UKPN, WPD, ENW, NPG, SSE etc to provide the final connection to domestic properties. Suitable for sub main distribution boxes, Street lighting systems and high rise buildings.

Stranding of Neutral conductor is the same as the phase conductor except 25mm² which has stranding of 11 x 1.70mm.

Also available in violet outer sheath in 6mm, 10mm, 16mm and 25mm

Key Features



Voltage Rating
600/1000 Volts



Minimum Bending Radius
Fixed: 8 x overall diameter



Flame Retardancy
BS EN 60332-1-2

Standards

- BS7870-3-21
- BS EN/IEC 60228
- BS EN/IEC 60332-1-2

Construction

- **Conductor:** Class 2 stranded copper conductor
- **Insulation:** Cross Linked polyethylene (XLPE)
- **Earth Continuity Conductor:** Plain Copper
- **Waveform Conductor:** Plain Copper wire Screen
- **Separator:** Non Hydroscopic string separator
- **Outer Sheath:** Polyvinyl Chloride (PVC)
- **Sheath Colour:** Black

QA Lab

Cleveland Cable Test & Training Lab

Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing. Where applicable, cables are independently tested and certified by BASEC to ensure full compliance.



CPR

Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.



Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.



ecovadis

Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

ecovadis

Split Concentric Cable 1kV - BS7870, XLPE, PVC - 4mm² to 35mm² - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Stranding(mm)	Overall Diameter(mm)	Weight(Kg/Km)	Gland Size
4SPLITCON	4	1	7/0.85	9.6	206	20S
6SPLITCON	6	1	7/1.04	11.4	281	20
10SPLITCON	10	1	7/1.35	12.7	394	20
16SPLITCON	16	1	7/1.70	14.6	583	25
25SPLITCON	25	1	7/2.14	18.7	843	32
35SPLITCON	35	1	7/2.52	23	1300	40

CONCENTRIC CABLE ELECTRIC CHARACTERISTICS

NOMINAL CROSS SECTIONAL AREA	MAXIMUM DC RESISTANCE OF CONDUCTOR AT 20°C	MAXIMUM DC RESISTANCE OF CONCENTRIC CONDUCTOR AT 20°C -
(MM2)	PHASE Ω/KM	NEUTRAL Ω/KM
4	14.61	4.8
16	1.15	1.2
25	0.727	0.76
35	0.7	0.38

THE INFORMATION CONTAINED WITHIN THIS DATASHEET IS FOR GUIDANCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE OR LIABILITY. WE BELIEVE THE INFORMATION IS CORRECT AT THE TIME OF PUBLICATION. PLEASE NOTE WHEN SELECTING CABLE ACCESSORIES THAT ACTUAL CABLE DIMENSIONS MAY VARY DUE TO MANUFACTURING TOLERANCES.

