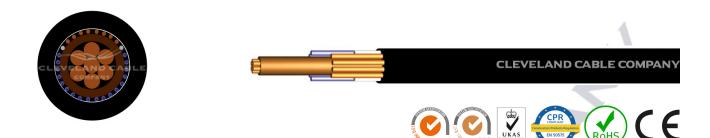


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# COPPER SPLIT CONCENTRIC CABLE PVC



#### **APPLICATION**

Used by Distribution Network Operators (DNOs) 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. CABLE STANDARDS

BS7870 -3.21 BS EN 60228

#### CONSTRUCTION

Conductor: Stranded Copper Conductor

**Insulation:** Cross Link Polyethylene (XLPE)

**Neutral Conductor:** Plain copper wire covered in blue polymeric compound

Earth Continuity Conductor: Plain Copper

String Separator: Non Hygroscopic separator

Sheath: Poly Vinyl Chloride (PVC)

Sheath Colour: Black / Violet

#### **CHARACTERISTICS**

Voltage Rating: 600/1000 Volts

Temperature Rating: -15°C to +90°C

Minimum Bending Radius: As per cable manufacturer datasheet

\*\* Stranding of Neutral conductor is the same as the phase conductor except 25mm<sup>2</sup> which has stranding of 11 x 1.70mm

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

CLEVELAND CABLE COMPANY

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### **COPPER SPLIT CONCENTRIC CABLE - DIMENSIONS**

CCC CODE	CONDUCTOR SIZE (MM <sup>2</sup> )	STRANDING (MM)	WEIGHT (KG/KM)	OVERALL DIAMETER (MM)	GLAND SIZE
4 SPLITCON	4	7/0.85	206	9.6	20S
6 SPLITCON	6	7/1.04	281	11.4	20
10 SPLITCON	10	7/1.35	394	12.7	20
16 SPLITCON	16	7/1.70	583	14.6	25
25 SPLITCON	25	**7/2.14	843	18.7	32
35 SPLITCON	35	7/2.52	1300	23	40

## **COPPER SPLIT CONCENTRIC CABLE PVC – CURRENT CARRYING CAPACITY**

NOMINAL CROSS SECTIONAL AREA	CONTINUOUS CURRENT RATING				
(MM <sup>2</sup> )	CLIPPED DIRECT AMPS	IN CONDUIT ON WALL AMPS	IN AIR AMPS		
4	41	37	42		
6	50	46	51		
16	99	88	100		
25	120	110	135		
35	130	117	129		

THE ABOVE IS IN ACCORDANCE WITH 18TH EDITION OF IET WIRING REGULATIONS

# **COPPER SPLIT CONCENTRIC CABLE PVC - ELECTRICAL CHARACTERISTICS**

NOMINAL CROSS SECTIONAL AREA (MM <sup>2</sup> )	MAXIMUM DC RESISTANCE OF CONDUCTOR AT 20°C - PHASE OHMS/KM	MAXIMUM DC RESISTANCE OF CONDUCTOR AT 20°C - NEUTRAL OHMS/KM	MAXIMUM DC RESISTANCE OF CONDUCTOR AT 20°C - EARTH OHMS/KM
4	4.61	4.	4.80
6	3.08	3.15	3.15
10	1.83	1.90	1.90
16	1.15	1.20	1.20
25	0.727	0.76	0.76
35	0.524	0.55	0.55

THE ABOVE IS IN ACCORDANCE WITH 18TH EDITION OF IET WIRING REGULATIONS

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.