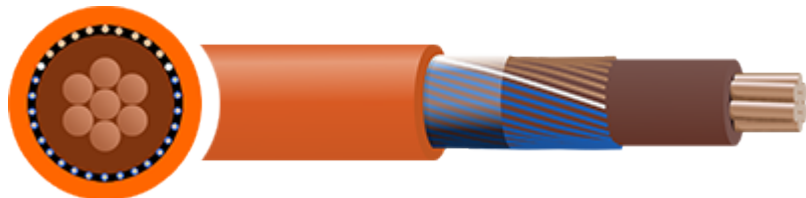


## DNO Approved SNE Copper Split Concentric Cable - XLPE, PVC or LSZH - 4mm to 35mm



Used by Distribution Network Operators (DNOs) such as UKPN, 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.

SNE (Separate Neutral & Earth) construction for use in older installations.

### Key Features



#### Installation Guidelines

Recommended for installation at temperatures above 0°C



#### Voltage Rating

600/1000 Volts



#### Minimum Bending Radius

As Per Manufacturers Datasheet

### Construction

- **Conductor:** Class 2 stranded copper conductor
- **Neutral Conductor:** Plain copper wire covered in blue polymeric compound
- **Insulation:** Cross Linked polyethylene (XLPE)
- **String Separator:** Non Hygroscopic separator
- **Earth Continuity Conductor:** Plain Copper
- **Sheath:** Available in both Poly Vinyl Chloride (PVC) and Low Smoke Zero Halogen (LSZH)
- **Sheath Colour:** Black (PVC) Orange (LSZH)

### Standards

- BS7870 -3.22, BS EN 50266-2-4, BS EN 60754, BS EN 50268 1 & 2, BS EN 60228

## DNO Approved SNE Copper Split Concentric Cable - XLPE, PVC or LSZH - 4mm to 35mm - Dimensions

Reference	Conductor Size (mm <sup>2</sup> )	No Of Cores	Overall Diameter(mm)	Weight(Kg/Km)
4SPLITCON*	4	1	10	190
16SPLITCON*	16	1	14	530
25SPLITCON*	25	1	15	490
3X35*	35	3	26	1030

CONCENTRIC CABLE CURRENT CARRYING CAPACITY				
NUMBER OF CORES	NOMINAL CROSS SECTIONAL AREA	CONTINUOUS CURRENT RATING		
		CLIPPED DIRECT	IN CONDUIT ON WALL	IN AIR
	(MM2)	AMPS	AMPS	AMPS
1	4	41	37	42
1	16	99	88	100
1	25	120	110	129
1	35	130	117	135
3	35	130	118	135

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.

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