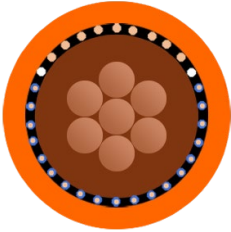


DNO APPROVED SNE SPLIT CONCENTRIC COPPER CABLE



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.

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

CABLE STANDARDS

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

CONSTRUCTION

- Conductor:** Class 2 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:** Available in both Poly Vinyl Chloride (PVC) and Low Smoke Zero Halogen (LSZH)
- Sheath Colour:**
 Black (PVC) Orange (LSZH)

CHARACTERISTICS

- Voltage Rating:** 600V / 1000V
- Temperature Limits:** -15°C to +70°C
- Minimum Bending Radius:**
As per cable manufacturer datasheet
- Should not be installed at temperatures below 0°C

COPPER SPLIT CONCENTRIC CABLE - DIMENSIONS

CCC CODE	CONDUCTOR SIZE (MM ²)	NUMBER OF CORES	OUTER SHEATH	AVERAGE NOMINAL DIAMETER (MM)	MAX VOLTAGE RATING	WEIGHT (KG/KM)
4 SPLITCON	4	1	PVC	10	0.6/1KV	190
4 SPLITCONOR	4	1	LSZH	10	0.6/1KV	190
16 SPLITCON	16	1	PVC	14	0.6/1KV	530
16 SPLITCONOR	16	1	LSZH	14	0.6/1KV	530
25 SPLITCON	25	1	PVC	16	0.6/1KV	710
25 SPLITCONOR	25	1	LSZH	16	0.6/1KV	710
35 SPLITCON	35	3	PVC	28.5	0.6/1KV	1900
35 SPLITCONOR	35	3	LSZH	28.5	0.6/1KV	1900

COPPER SPLIT CONCENTRIC CABLE PVC – CURRENT CARRYING CAPACITY

NUMBER OF CORES	NOMINAL CROSS SECTIONAL AREA (MM ²)	CONTINUOUS CURRENT RATING		
		CLIPPED DIRECT AMPS	IN CONDUIT ON WALL AMPS	IN AIR AMPS
1	4	41	37	42
1	16	99	88	100
1	25	120	110	129
3	35	130	117	135

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

COPPER SPLIT CONCENTRIC CABLE PVC – ELECTRICAL CHARACTERISTICS

NOMINAL CROSS SECTIONAL AREA (MM ²)	MAXIMUM DC RESISTANCE OF CONDUCTOR AT 20°C - PHASE OHMS/KM	MAXIMUM DC RESISTANCE OF CONCENTRIC CONDUCTOR AT 20°C - NEUTRAL OHMS/KM
4	14.61	4.80
16	1.15	1.20
25	0.727	0.76

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.