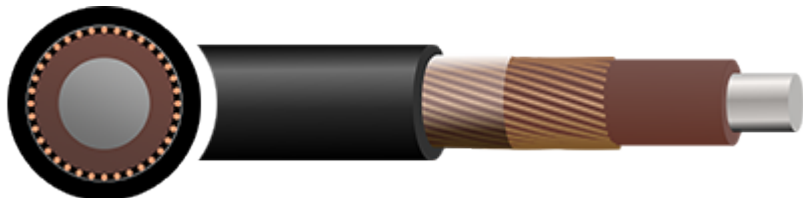


DNO Approved CNE Aluminium Straight Concentric Cable - XLPE, PVC - 25mm to 35mm



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.

CNE (Combined Negative & Earth) Construction for modern installations

Key Features



Installation Guidelines

Should not be installed at temperatures below 0°C



Voltage Rating

600/1000 Volts



Minimum Bending Radius

As Per Manufacturers Datasheet

Construction

- **Conductor:** Solid Aluminium Conductor
- **Insulation:** Cross Linked polyethylene (XLPE)
- **Sheath:** PVC (Polyvinyl Chloride)

Standards

- BS EN 60228, BS 7870-3-21, Flame Retardant to BS EN/IEC 60332-1-2

DNO Approved CNE Aluminium Straight Concentric Cable - XLPE, PVC - 25mm to 35mm - Dimensions

Reference	Conductor Size (mm ²)	No Of Cores	Overall Diameter(mm)	Weight(Kg/Km)
25STRCONAL	25	1	13	300
3X25STRCONAL	25	3	23	650
3X35STRCONAL	35	3	25	820
35STRCONAL	35	3	14	390

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	25	119	105	127
3	25	90	84	97
1	35	147	128	158
3	35	112	103	120

CONCENTRIC CABLE ELECTRIC CHARACTERISTICS			
NOMINAL CROSS SECTIONAL AREA	MAXIMUM DC RESISTANCE OF CONDUCTOR AT 20°C	MAXIMUM AC RESISTANCE OF CONDUCTOR AT 20°C -	MAXIMUM DC RESISTANCE OF CONCENTRIC CONDUCTOR AT 20°C -
(MM2)	Ω/KM	Ω/KM	Ω/KM
25	1.2	1.54	1.3
35	0.868	1.11	0.91

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.

For more information contact: 01642 241 133









