

Straight Concentric Cable 1kV - BS70870, ESI 09-7, PVC - 4mm to 35mm



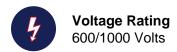
Used by Distribution Network Operators (DNO's) such as UKPN, WPD, ENW, NPG, SSE etc. Straight concentric cable is normally used as an energy supply cable most commonly found in power station distribution, panel boards and street lighting areas where mechanical protection is required.

Key Features



Installation Guidelines

Should not be installed at temperatures below 0°C or above +60°C



Construction

• Conductor: Stranded Copper Conductor

• Insulation: Poly Vinyl Chloride (PVC)Concentric

• Bedding: Conductor

Sheath: PVC (Polyvinyl Chloride)Armour: Plain Copper wires

Standards

BS7870 - 3.11, BS EN 60228

Core Colours

Live

Brown

Straight Concentric Cable 1kV - BS70870, ESI 09-7, PVC - 4mm to 35mm - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Stranding(mm)	Overall Diameter(mm)	Weight(Kg/Km)	Gland Size
4STRCON	4	1	7/0.85	9	180	20S
6STRCON	6	1	7/1.04	10	230	20\$
16STRCON	16	1	7/1.70	12	440	20
25STRCON	25	1	7/2.14	15	600	25
35STRCON	35	1	7/2.25	16	850	25

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	

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