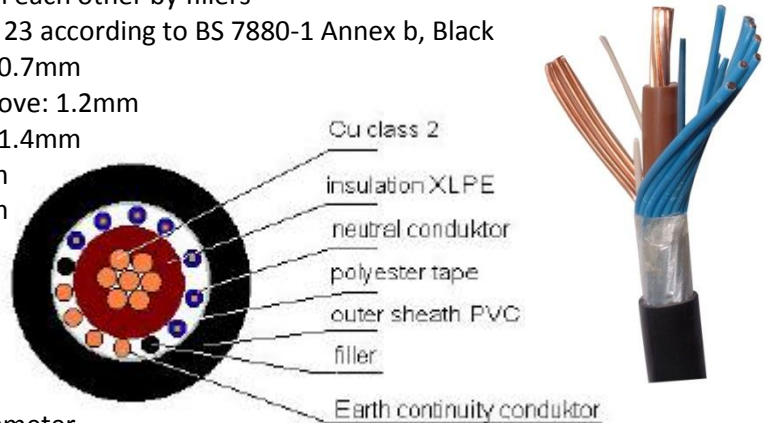


## Split Concentric Cable BS7870-3.21

<b>Application:</b>	The cables are designed to be installed in air (indoors and/or outdoors), or may be buried directly in free draining soil or in ducts.
<b>Conductors:</b>	Copper circular or circular compacted stranded conductor class 2 (RM) acc. to EN 60228
<b>Insulation:</b>	XLPE type DIX3 acc to BS 7880-1 Annex B, brown
<b>Natural and earth conductor:</b>	Neutral and earth conductor are wrapped helically over core cable and separated from each other by fillers
<b>Other sheath:</b>	PVC type DMV 23 according to BS 7880-1 Annex b, Black
<b>Nom thickness of insulation mm</b>	Up to 16mm <sup>2</sup> : 0.7mm 25mm <sup>2</sup> and above: 1.2mm
<b>Nom thickness of outer sheath mm</b>	Up to 16mm <sup>2</sup> : 1.4mm 25mm <sup>2</sup> : 1.5mm 35mm <sup>2</sup> : 1.6mm
<b>Max conductor operating temp:</b>	90°C
<b>Lowest ambient temp for fixed installation:</b>	-30°C
<b>Lowest installation temp:</b>	-5°C
<b>Max short circuit conductor temp:</b>	+250°C
<b>Min bending radius:</b>	15 x overall diameter
<b>Standards:</b>	Flame retardant: EN 60332-1-2



Cross sectional area of conductor mm <sup>2</sup>	No and dia of wires neutral conductor mm	No and diameter of wires earth conductor mm	Approx overall diameter mm	Approx weight Km/kg	Max conductor resistance at 20°C phase/neutral/earth Ω/km	BATT Part No
4	7 / 0.85	3 x 1.35	10.1	180	4.61/4.8/4.8	16530
6	7 / 1.04	4 x 1.53	10.9	257	3.08/3.3/3.2	16776
10	7 / 1.35	4 x 1.78	12.9	365	1.83/1.9/1.9	16757
16	7 / 1.7	4 x 2.25	15.2	555	1.15/1.2/1.2	16531
25	11 / 1.7	4x2.22	18.1	840	0.727/0.76/1.2	16532
35	15 / 1.7	6x2.22	22.7	1250	0.0524/0.55/0.76	16756