



**BS Four-core Constant Section of Parallel Clustered Insulated Overhead Cable**

Cores & Cross section area of conductors	Diameter of conductor	Thickness of insulation	Max. D. C. resistance of conductor(20°C) (ohm/km)		Min. resistance of insulation at rated work temperature (ohm/km)		Single tensile force of cable (N)		Cable calculated weight (kg/km)				XLPE current carrying (40 °C) (A)	
			Cu	Al	PVC	XLPE			PVC Insulated		XLPE Insulated			
mm <sup>2</sup>	mm	mm	Cu	Al	PVC	XLPE	Cu	Al	Cu	Al	Cu	Al	Cu	Al
4*2.5	1.78	1.0	7.41	/	0.012	1.2	3828	/	149	/	129	/	29	/
4*4	2.26	1.0	4.61	7.39	0.010	1.00	6050	2675	213	113	190	90	40	29
4*6	2.76	1.0	3.08	4.91	0.007	0.70	8938	3853	293	148	267	119	45	37
4*10	3.80	1.0	1.83	3.08	0.007	0.67	13884	6600	463	217	428	181	59	46
4*16	4.80	1.2	1.15	1.91	0.007	0.65	21944	10048	730	334	677	281	79	63
4*25	6.00	1.2	0.727	1.20	0.005	0.54	33860	15048	1087	468	1022	403	104	83
4*35	7.00	1.4	0.524	0.868	0.005	0.54	46924	20708	1510	643	1423	556	130	101
4*50	8.40	1.4	0.387	0.641	0.005	0.48	66008	28044	2071	833	1975	737	158	126
4*70	10.0	1.4	0.268	0.443	0.004	0.40	93844	41416	2834	1101	1101	879	202	158

PS: Compacted rotundity conductor