



BRINGS ENERGY TO LIFE

Multicore XLPE/SWA/PVC (BS 5467) Cable

Technical Data

Conditions:

Ambient temperature : 30°C

Conductor operating temperature : 90°C

BS5467									
Cable (mm ²)	2x			3x/4x			Max. A/C resistance at 90°C (ohm/km)	Max. DC resistance at 20°C (ohm/km)	Reactance at 50 Hz (ohm/km)
	Open & Clipped Direct (A)	On a perforated Cable Tray Horizontal & Vertical (A)	Approx. Volt Drop mV/A/m	Open & Clipped Direct (A)	On a perforated Cable Tray Horizontal & Vertical (A)	Approx. Volt Drop mV/A/m			
1.5	27	29	31	23	25	27	17.3	12.1	0.107
2.5	36	39	19	31	33	16	9.45	7.41	0.0988
4	49	52	12	42	44	10	5.88	4.61	0.093
6	62	66	7.9	53	56	6.8	3.93	3.08	0.0887
10	85	90	4.7	73	78	4	2.33	1.83	0.084
16	110	115	2.9	94	99	2.5	1.47	1.15	0.0805
25	146	152	1.9	124	131	1.65	0.927	0.727	0.0808
35	180	188	1.35	154	162	1.15	0.669	0.524	0.0786
50	219	228	1	187	197	0.87	0.494	0.387	0.0692
70	279	291	0.69	238	251	0.6	0.342	0.268	0.0683
95	338	354	0.52	289	304	0.45	0.247	0.193	0.0668
120	392	410	0.42	335	353	0.37	0.196	0.153	0.0657
150	451	472	0.35	386	406	0.3	0.16	0.124	0.0662
185	515	539	0.29	441	463	0.26	0.128	0.099	0.0663
240	607	636	0.24	520	546	0.21	0.0988	0.075	0.0653
300				599	628	0.185	0.08	0.06	0.0649
400				673	728	0.17	0.0641	0.047	0.0647