

## Values Of R1 &amp; R2

PCU/XLPE/PVC/SWA/PVC 600/1000V

PCU/XLPE/LSF/SWA/LSF 600/1000V

Cables To BS5467 &amp; BS6724

Conductor size	Conductor Impedance @ 90°C, 50Hz (R1)	Armour Impedance @ 80°C, 50Hz (R2)			
		2 core mohms/m	3 core mohms/m	4 core mohms/m	5 core mohms/m
1.5	15.4	13.3	12.4	11.4	10.7
2.5	9.45	11.4	10.7	10.0	8.84
4.0	5.88	10.3	9.75	8.84	8.06
6.0	3.93	9.1	8.71	5.59	5.07
10	2.33	7.8	5.2	4.81	4.42
16	1.47	4.81	4.55	4.03	2.86
25	0.931	4.81	3.25	2.99	2.34
35	0.672	3.38	2.99	2.60	2.08
50	0.500	2.99	2.60	2.34	1.43
70	0.350	2.60	2.34	1.56	1.22
95	0.257	1.82	1.69	1.43	—
120	0.209	1.69	1.56	0.988	—
150	0.175	1.56	1.01	0.884	—
185	0.123	1.07	0.923	0.793	—
240	0.121	0.949	0.819	0.702	—
300	0.106	0.871	0.754	0.637	—
400	0.096	0.767	0.676	0.455	—

PCU/XLPE/PVC/SWA/PVC 600/1000V

PCU/XLPE/LSF/SWA/LSF 600/1000V

Cables To BS5467 &amp; BS6724

Conductor Size	Conductor Impedance @ 90°C, 50Hz (R1)	Armour Impedance @ 80°C, 50Hz (R2)				
		7 core mohms/m	12 core mohms/m	19 core mohms/m	27 core mohms/m	37 core mohms/m
1.5	15.4	9.75	5.20	4.55	2.99	2.60
2.5	9.45	8.19	4.55	2.99	2.47	2.21
4.0	5.88	5.20	2.99	2.60	2.21	1.56