



## 6181B LSZH Double Insulated Cable 600/1000V BS6724

Plain annealed stranded copper conductor, XLPE insulated / LSZH sheathed, 600/1000 volts grade to IEC 60502 (where applicable)

- Conductor stranding:** Class 2 stranded
- Operating temperatures:** Maximum 90°C Minimum flexing -15°C
- Minimum bending radius:** Diameter up to 25mm: 4 x overall diameter  
Diameter over 25mm: 6 x overall diameter
- Combustion characteristics:** HLC emission maximum 0.5% in accordance with BSEN50267-1. Common test methods for cables under fire conditions. Tests on gases evolved during combustion of materials from cables. Apparatus. BSEN50267-2-1: Common test methods for cables under fire conditions. Tests on gases evolved during combustion of materials from cables. Procedures. Determination of the amount of halogen acid gas. BSEN50266-1 Common test methods for cables under fire conditions. Test for vertical flame spread of vertically mounted bunched wires or cables.



Size sq.mm	Diameter over conductor mm	RT of insulation mm	Diameter over core mm	Nominal overall diameter mm	Weight kg/km	BATT part no Black/Black	BATT part no Blue/Black	BATT part no Brown/Black
25	6.40	0.9	8.2	11.0	315	45384	45426	45500
35	7.50	0.9	9.3	12.1	420	-	45427	45551
50	8.90	1.0	11.1	14.2	590	45125	45428	45553
70	10.70	1.1	13.2	16.4	810	45126	45429	45527
95	12.60	1.1	15.0	18.3	1060	45127	45430	45528
120	14.98	1.2	17.6	21.2	1340	45128	45431	-
150	15.96	1.4	19.0	22.8	1660	45129	45432	-
185	17.78	1.6	21.3	25.1	2030	45130	45433	-
240	20.52	1.7	24.3	28.4	2600	45131	45434	45521
300	22.86	1.8	26.8	31.0	3210	45132	45135	-
400	25.74	2.0	30.1	34.8	4240	45133	45436	-
500	28.80	2.2	34.8	38.5	5260	45134	45437	-
630	33.02	2.4	38.5	43.4	6600	45135	45438	-