

**Bare Copper Conductor ACC BS 7884:1997****TECHNICAL PARAMETERS**

Cross Section Area (mm ²)	No. & Wire Diameter (mm)	Overall Diameter (mm)	Approximate Weight (kg/km)	DC Resistance at 20°C (Ω/km)	Min. Breaking Load (KN)
10	7/1.35	4.05	89.82	1.8290	3.752
14	7/1.60	4.80	126.20	1.3030	5.267
16	3/2.65	5.72	148.30	1.1060	6.194
16	7/1.70	5.10	142.40	1.1540	5.946
25	7/2.10	6.30	217.30	0.7563	9.073
32	3/3.75	8.10	296.90	0.5520	12.400
32	7/2.45	7.38	298.20	0.5497	12.442
35	7/2.50	7.50	308.00	0.5337	12.860
50	7/3.00	9.00	443.50	0.3706	18.520
50	19/1.80	9.00	435.80	0.3819	17.700
70	7/3.55	10.65	621.10	0.2646	25.930
70	19/2.10	10.50	593.20	0.2806	24.090
95	19/2.50	12.50	840.70	0.1980	34.140
100	7/4.30	12.90	911.20	0.1810	36.540
120	19/2.80	14.00	1055.00	0.1578	42.830
125	19/2.90	14.50	1131.00	0.1471	45.940
150	19/3.20	16.00	1377.00	0.1208	55.940
150	37/2.25	15.75	1334.00	0.1264	53.880
185	19/3.55	17.75	1695.00	0.09815	68.860
185	37/2.50	17.50	1647.00	0.1024	66.490