

# Type 8, Type 16

## OVERHEAD LINE

**STANDARD:** BS 6485

**VOLTAGE RATING:**

Type 8 is intended for use only where the operating voltage of the power lines does not exceed 650V between conductors or 250V to earth.

Type 16 is intended for use only where the operating voltage of the power lines exceed 650V between conductors and 250V to earth, but does not normally exceed 11000V between conductors or 6600V to earth.

**APPLICATION:**

Overhead power lines, particularly suitable where power lines cross telecommunication lines. Also Type 8 is intended to provide protection to the public against accidental contact with low voltage power line, for short periods.

**CONSTRUCTION:**

Single core. Hard drawn plain copper stranded conductor, PVC Covered. Type 8 - 0.8mm radial thickness. Type 16 - 1.6mm radial thickness.

**COLOURS:** Type 8: Black. Type 16 Green.

**MAXIMUM CONDUCTOR TEMPERATURE:** 70°C

**CURRENT RATING:** Available on request.

Alternative conductor stranding to BS 7884 available to order.

Reference number	Nominal area of conductor mm <sup>2</sup>	Nominal number and diameter of wires in conductor no/mm	Conductor resistance at 20°C Ω/km	Conductor overall diameter mm	Approx. breaking load kN	Approx. overall diameter		Approx. nett weight	
						Type 8 mm	Type 16 mm	Type 8 kg/km	Type 16 kg/km
Type 8	14	7/1.60	1.298	4.80	5.744	6.8	8.4	160	190
and	16	3/2.65	1.104	5.69	6.59	7.7	9.3	180	220
Type 16	32	3/3.75	0.5514	8.05	12.71	10.5	12.1	350	390
	35	7/2.50	0.5319	7.50	14.097	9.9	11.5	360	400
	70	7/3.55	0.2637	10.65	26.88	13.5	14.7	690	750
	100	7/4.30	0.1804	12.90	37.64	15.7	16.9	990	1060

