



SM (CABLES)

Low voltage wiring, flexible and special cables



STANDARDS

BS 7884



BARE COPPER STRAND

CONSTRUCTION (Cu)

SPECIFICATIONS

- 1  **Conductor**
Hard drawn Copper

APPLICATIONS

suitable for overhead transmission and distribution networks applications, where the highest electrical conductivity per unit area and good strength-to-weight ratio are required.

MARKING

Embossed, or printed with CIJ in white or black indelible ink.

SM (CABLES) #X### CE

TECHNICAL DATA

Product Code	Nominal Cross Section mm ²	Overall Dimensions mm	Approximate Net Weight kg/km	Maximum Conductor Resistance Ω/km @ 20°C	Nominal Break Load (N)
Hard Drawn Bare Copper					
SMBC10	10 (7/1.35)	4.05	89.82	1.829	3752
SMBC16	16 (7/1.70)	5.1	142.4	1.154	5946
SMBC25	25 (7/2.10)	6.3	217.3	0.7563	9073
SMBC35	35 (7/2.50)	7.5	308	0.5337	12860
SMBC50	50 (19/1.80)	9	435.8	0.3819	17700
SMBC70	70 (19/2.10)	10.5	593.2	0.2806	24090
SMBC95	95 (19/2.50)	12.5	840.7	0.198	34140
SMBC120	120 (19/2.80)	14.0	1055	0.1578	42830

* Other Dimensions Available

Specifications and technical data is provided in good faith and is believed to be correct at the time of publication. Actual products may differ in dimensions due to manufacturing tolerances. The information provided within this document is typical and is intended for guidance only. This specification and data is subject to changes without notice or liability.

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