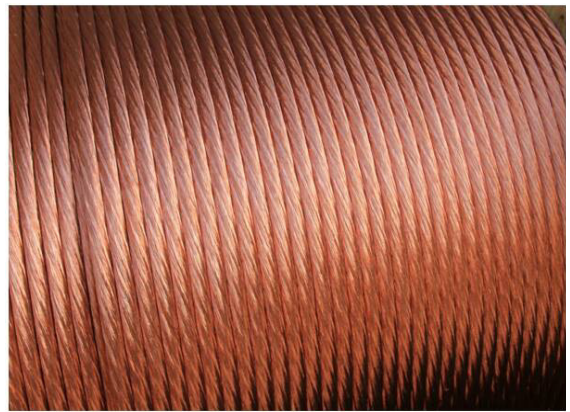


# BARE COPPER CONDUCTORS

Stranded Bare Copper • Annealed Copper Wire • Flexing Application



## CONSTRUCTION :

: The conductor consist of annealed bare copper wire which are stranded together. The construction of the conductor is in accordance to IEC 60228 and BS EN 60228.

## TECHNICAL DATA :

- : Soft drawn plain annealed copper
- : Stranded conductors offer greater flexibility than solid

## APPLICATION RANGE :

- Suitable for use in substations as uninsulated hook ups, jumpers, and grounds

CABLE PARAMETER				CABLE PARAMETER			
Cross section mm <sup>2</sup>	Maximum diameter of the wires	Max.resistance Ω/Km at 20°C		Cross section mm <sup>2</sup>	Maximum diameter of the wires	Max.resistance Ω/Km at 20°C	
		Bare Ω / km	Coated Ω / km			Bare Ω / km	Coated Ω / km
0.5	0.21	39.0	40.1	70	0.51	0.272	0.277
0.75	0.21	26.0	26.7	95	0.51	0.206	0.210
1	0.21	19.5	20.0	120	0.51	0.161	0.164
1.5	0.26	13.3	13.7	150	0.51	0.129	0.132
2.5	0.26	7.98	8.21	185	0.51	0.106	0.108
4	0.31	4.95	5.09	240	0.51	0.0801	0.0817
6	0.31	3.30	3.39	300	0.51	0.0641	0.0654
10	0.41	1.91	1.95	400	0.51	0.0486	0.0495
16	0.41	1.21	1.24	500	0.61	0.0384	0.0391
25	0.41	0.780	0.795	630	0.61	0.0287	0.0292
35	0.41	0.554	0.565				
50	0.41	0.386	0.393				

P.P.S. Polymer (1989) Co.,Ltd.

Phone: 02-428-3067-8 , 095-916-1962

E-mail: sales@biflexcable.com , Website: www.biflexcable.com