

# Bare Copper (Compacted)



**APPLICATION:**

For use on Insulators for overhead distribution circuits or for grounding conductors.

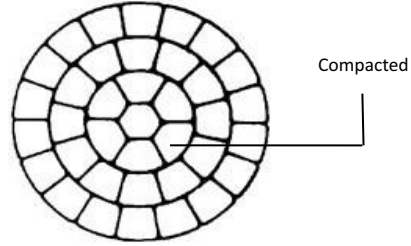
**SPECIFICATION:**

PNS 1207, ASTM B 496

**CONSTRUCTION**

Compacted soft annealed copper wire

**COPPER WIRE**



**BARE COPPER TECHNICAL DATA**

Size		No. of Strand	Approximate Over Diameter (mm)	Approximate Bare copper Weight (kg/km)
AWG	mm <sup>2</sup>			
08	8.0	7	3.40	71.786
6	14	7	4.29	127.620
4	22	7	5.41	199.413
2	30	7	6.81	263.723
01	38	19	7.60	346.398
1/0	50	19	8.55	438.414
2/0	60	19	9.57	541.264
3/0	80	19	10.80	715.820
4/0	100	19	12.10	914.736
250	125	37	13.20	1,162.052
300	150	37	14.50	1,393.965
350	175	37	15.70	1,607.649
400	200	37	16.70	1,781.328
500	250	37	18.70	2,293.196
650	325	61	21.40	2,936.784
750	375	61	23.0	3,454.766
800	400	61	23.80	3,653.558
1000	500	61	26.90	4,448.606

**Note For information only:**

**Class AA:** For bare conductors usually used in overhead lines.

**Class A:** For conductors to be covered with weather-resistant (weather-proof), slow-burning materials, and for bare conductors where greater flexibility than is afforded by Class AA is required.

**Class B:** For conductors to be insulated with various materials such as rubber, paper, varnished cloth, and so forth, and for the conductors indicated under Class A where greater flexibility is required.

**Class C and Class D:** For conductors where greater flexibility is required than is provided by Class B conductor



**PHILFLEX**®



**The No. 1 Wires & Cables Brand**  
2005 Philippine Builders Excellence Awards

**Most Outstanding Electrical Wires & Cables Brand**  
2005 Asia-Pacific Excellence Awards