



AUSTECH
WIRE & CABLE PTY. LTD.

PABC
series



Plain Annealed Copper Stranded Conductor

Description: Plain Annealed Copper, Conventional Concentric Laid-Up Circular Stranded Conductor to AS/NZS 1125 CLASS 2

Code	Number of Strands x Wire ϕ mm	Nominal Area mm^2	OFHC Max D.C. Resistance @ 20° C $\text{m}\Omega/\text{m}$	Nominal O.D. mm	Mass Kg/100m
PABC16	7 x 1.70	16	1.150	5.15	14.40
PABC25	19 x 1.35	25	0.727	6.70	24.70
PABC35	19 x 1.53	35	0.524	7.65	31.10
PABC50	19 x 1.78	50	0.387	8.90	42.14
PABC70	19 x 2.14	70	0.268	11.90	62.10
PABC95-37/1.78	37 x 1.78	95	0.193	12.45	82.70
PABC95-19/2.52	19 x 2.52	95	0.193	12.50	83.70
PABC120	37 x 2.03	120	0.153	14.20	108.90
PABC150	37 x 2.25	150	0.124	15.75	132.00
PABC185	37 x 2.52	185	0.0991	18.15	171.00
PABC240	61 x 2.25	240	0.0754	20.25	2228.00

Features:

1. Oxygen Free High Conductivity copper with excellent electric and thermal conductivity properties.
2. Excellent hydrogen embrittlement resistance, (TPC) Tough pitch copper becomes very brittle when it is heated at higher than 600°C under a reducing gas atmosphere including hydrogen. Since OFHC contains a very low oxygen content, it does not show any brittleness.
3. Class 2 Conductor.

Please Note!

Austech Wire & Cable Pty. Ltd. takes every precaution to ensure that the information in this publication is correct but accepts no liability of any kind and reserves the right to change any detail in this catalogue without notification.

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