



AUTO WIRE (Low Voltage Cable)

Sizes AWG 18 to AWG 8



Specification Application

PHILFLEX Type Auto Wire meets and exceeds applicable PNS 261 standards. PHILFLEX Type Auto Wire conductors are primarily used in low voltage circuit in automobile (vehicles, motorcycles, and trucks).

Conductors Insulation Color

Annealed (soft) copper
High temperature PVC (polyvinyl chloride)
Black, white, blue, red , green & yellow color.

Catalog Number	Size	Construction	Conductor Diameter	Nom. Insul. Thickness	Approx. Over-all Diameter	Max. Conductor Resistance @ 20 °C	Approx. Cable Weight	Standard Length
	AWG	No. / mm	mm	mm	mm	Ω / km	kg / km	m
18	18	9 / 0.32	1.11	0.60	2.31	25.89	11.23	30
16	16	16 / 0.32	1.47	0.60	2.70	14.56	17.34	30
14	14	26 / 0.32	1.88	0.60	3.10	8.96	25.74	30
12	12	45 / 0.32	2.47	0.70	3.87	5.18	42.94	30
10	10	35 / 0.45	3.07	0.80	4.67	3.30	64.57	30
08	08	50 / 0.45	3.67	0.90	5.50	2.31	90.83	30

Lengths other than those specified are available upon request.



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