



TW INSULATED SOFT COPPER WIRE

- Moisture-resistant thermoplastic Polyvinyl chloride (PVC) insulation, solid or stranded soft copper wire used for electrical installation.
- Suitable for type of service where conductor temperature does not exceed 60°C in dry or wet location for continuous operation not to exceed 600 volts.

Reference Standard -- PNS 35-1:2004 / PNS 260 / PNS 1207

NOMINAL SIZE mm ²	CONDUCTOR COMPOSITION		DIAMETER (OVERALL) mm	CABLE INSULATION		ALLOWABLE AMPACITY OF INSULATED CONDUCTOR, AMP		ELECTRICAL RESISTANCE @ 20°C Ω / Km	STANDARD CUTTING LENGTH meters
	pc	mm Ø		THICKNESS	DIAMETER	IN FREE-AIR	IN RACEWAY		
1,60 mm Ø	SOLID x	1.60	1,60	0,80	3,20	20	15	8,573	150
2,00 mm Ø	SOLID x	2,00	2,00	0,80	3,60	30	20	5,487	150
2,60 mm Ø	SOLID x	2,60	2,60	0,80	4,20	40	30	3,248	150
2,0	7 x	0,60	1,80	0,80	3,40	20	15	9,000	150
3,50	7 x	0,80	2,40	0,80	4,00	30	20	5,060	150
5,50	7 x	1,00	3,00	0,80	4,60	40	30	3,240	150
8,0	7 x	1,20	3,60	1,20	6,00	55	40	2,250	150
14	7 x	1,60	4,80	1,60	8,00	80	55	1,260	150
22	7 x	2,00	6,00	1,60	9,20	105	70	0,801	150
30	7 x	2,30	6,90	1,60	10,10	130	90	0,606	150
38	19 x	1,60	8,00	2,00	12,00	155	100	0,461	300
50	19 x	1,80	9,00	2,00	13,00	180	120	0,368	300
60	19 x	2,00	10,00	2,00	14,00	205	135	0,295	300
80	19 x	2,30	11,50	2,00	15,50	250	160	0,223	300
100	19 x	2,60	13,00	2,00	17,00	290	185	0,175	300
125	37 x	2,10	14,70	2,40	19,50	335	210	0,134	300
150	37 x	2,30	16,10	2,40	20,90	375	240	0,115	300
200	37 x	2,60	18,20	2,40	23,00	440	280	0,0902	300
250	61 x	2,30	20,70	2,40	25,50	505	315	0,0701	300
325	61 x	2,60	23,40	2,80	29,00	600	370	0,0548	300
400	61 x	2,90	26,10	2,80	31,70	675	405	0,0448	300
500	61 x	3,20	28,80	2,80	34,40	770	445	0,0362	300



Manufactured by:
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