



TW

INSULATED SOFT COPPER WIRE

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- 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.

**100%
LEAD-FREE**



**99%
PURE
COPPER**



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

NOMINAL SIZE	CONDUCTOR COMPOSITION		DIAMETER (OVERALL)	CABLE INSULATION		ALLOWABLE AMPACITY OF INSULATED CONDUCTOR, AMP		ELECTRICAL RESISTANCE @ 20°C	STANDARD CUTTING LENGTH	
	mm ²	pc		mm Ø	THICKNESS	DIAMETER	mm, ave.			mm Ø
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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