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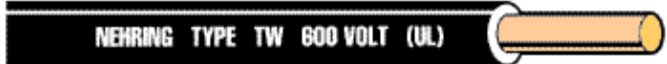
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TW



600 VOLT THERMOPLASTIC INSULATED COPPER

DESCRIPTION

Annealed solid or stranded uncoated copper conductor insulated with PVC, providing an abrasion, flame retardant, moisture and oil resistant insulation. Conductor is surface printed.

APPLICATION

General purpose wiring for residential, commercial and industrial lighting and power application as specified by the National Electric Code. Suitable for use in wet or dry locations where maximum continuous conductor temperatures do not exceed 60°C and for circuits not exceeding 600 volts.

SPECIFICATION

Underwriters Laboratories Standard 83 for Thermoplastic Insulated wires.

Federal specification J-C-30.

National Electric Code Article 310.

ASTM B-3

ASTM B-8

Size (AWG)	Stranding	Insulation Thickness (Mils)	Nominal Diameter (Inches)	Weight/1000' (Lbs.)	Ampacity*		Standard Package
					3 Cond. in Conduit	1 Cond. in Free Air	
SOLID							
14	SOLID	30	.125	18	15	20	500' CTN 2500' SPL
12	SOLID	30	.145	26	20	25	500' CTN 2500' SPL
10	SOLID	30	.165	40	30	40	500' CTN 2500' SPL
STRANDED							
14	7	30	.133	19	15	20	500' CTN 2500' SPL
12	7	30	.152	27	20	25	500' CTN 2500' SPL
10	7	30	.176	42	30	40	500' CTN 2500' SPL
8	7	45	.236	68	40	60	500' CTN 2500' SPL
6	7	60	.305	110	55	80	500' COIL 1000' RL
4	7	60	.352	162	70	105	500' COIL 1000' RL
2	7	60	.410	245	95	140	500' COIL 1000' RL

*Per NEC Table 310-16

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TELECOMMUNICATIONS GROUND WIRE



TELECOMMUNICATIONS GROUND WIRE PRODUCTS

DESCRIPTION

Manufactured from annealed, solid copper conductors, providing high conductivity and flexibility.

These products are intended for use in making ground connections in Customer Premise or Local Area Network (LAN) Wiring.

SPECIFICATION

- Meets all U.L. listing requirements for protection and grounding conductors.
- Meets ASTM B-3 requirements for soft or annealed copper wire.
- Intended for use in accordance with Article 800-31 (NEC).
- PVC insulation is available in a wide range of colors: black, olive-gray, white, and beige; others on request (specify color on order).
- Standard shipments in 200; 300; and 500' lengths; other lengths available on request.

Catalog Number	AWG Size	Insulation Thickness Inches	Nominal Cable O.D. Inches	Weight (Lbs.)/1000 Ft.
9709	14	.020	.104	16.0
9707	12	.023	.127	25.0
9705	10	.024	.150	37.0
9702	6	.031	.224	91.0
0150	6 (Bare)	N/A	.162	79.0

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