

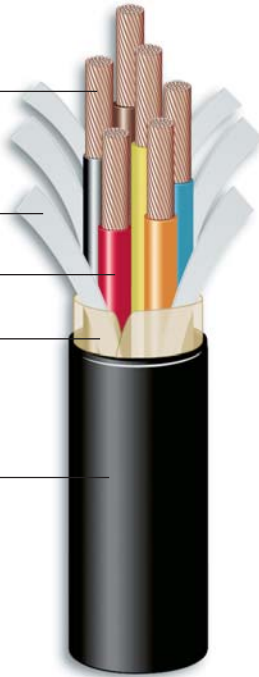
Stranded Copper Conductor (Type THHN & THWN)

Non-Metallic Fillers (as necessary)

PVC Insulation with Nylon Jacket

Tape Separator (as necessary)

PVC Jacket



Engineering Specifications:

Standards:

Underwriters Laboratories UL-1277
National Electrical Code Articles 336
NEMA WC 57/ICEA S-73-532



Listed E-179429

Construction:

Conductors:

Bare, soft-annealed copper per ASTM-B3, ASTM-B787

Insulation:

High dielectric strength, heat- and moisture-resistant, colored Polyvinyl Chloride (PVC) rated for continuous use at 90°C dry, 75°C wet to meet UL-83 requirements for type THHN or THWN wire.

Applications:

Primarily used for connecting power devices in an industrial environment. Suitable for installation in channels, ducts, wireways, cable trays and conduit. Approved for direct burial in wet or dry locations and outdoors in cable trays, and where a sunlight resistant rating is required.

Assembly:

The insulated conductors are cabled together with or without fillers as required to form a round, compact core. A Nylon rip-cord is supplied for easy stripping.

Color Coding:

Color-coded insulation with ICEA Method 1 with printed number.

Overall Jacket:

Abrasion, oil and chemical resistant, and highly flame retardant PVC jacket to meet UL-1277 standard

Size (AWG)	Number of Conductors	Outer Jacket Thickness PVC (inches)	Outside Diameter (inches)	Approx. Net Weight (lbs./1000 ft.)	Standard Packaging
	2	.045	.230 x .340	58	1000' 5000' reels
	3	.045	.350	79	1000' 5000' reels
	4	.045	.380	99	1000' 5000' reels
	5	.045	.410	118	1000' 5000' reels
	6	.045	.450	139	1000' 5000' reels
14 AWG	7	.045	.460	148	1000' 5000' reels
	8	.045	.490	178	1000' 5000' reels
	9	.045	.525	199	1000' 5000' reels
	10	.045	.600	238	1000' 5000' reels
	11	.045	.615	257	1000' 5000' reels
	12	.045	.620	275	1000' 5000' reels
	2	.045	.250 x .380	78	1000' 5000' reels
	3	.045	.390	101	1000' 5000' reels
	4	.045	.420	130	1000' 5000' reels
	5	.045	.470	162	1000' 5000' reels
	6	.045	.510	194	1000' 5000' reels
12 AWG	7	.045	.540	220	1000' 5000' reels
	8	.045	.590	272	1000' 5000' reels
	9	.045	.630	304	1000' 5000' reels
	10	.045	.680	336	1000' 5000' reels
	11	.045	.700	365	1000' 5000' reels
	12	.045	.710	393	1000' 5000' reels
	2	.045	.260 x .430	115	1000' 5000' reels
	3	.045	.460	152	1000' 5000' reels
	4	.045	.500	207	1000' 5000' reels
	5	.045	.585	260	1000' 5000' reels
	6	.045	.650	320	1000' 5000' reels
10 AWG	7	.045	.655	362	1000' 5000' reels
	8	.045	.705	412	1000' 5000' reels
	9	.045	.755	459	1000' 5000' reels
	10	.045	.820	512	1000' 5000' reels
	11	.045	.850	558	1000' 5000' reels
	12	.045	.855	572	1000' 5000' reels
Type TC - With Ground					
12 AWG	3	.045	.34	80	1000' 5000' reels
10 AWG	3	.045	.47	194	1000' 5000' reels

The above data is approximate and subject to normal manufacturing tolerances.

PRINT LEGEND:

E179429 (size) TYPE TC CABLE THHN OR THWN CDRS SUN-RES 600 VOLTS DIR-BUR (UL) DATE/TIME/OPER/QC