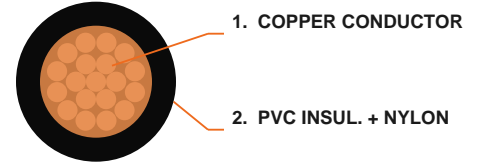


## DESCRIPTION

T90 cables are of a single copper conductor construction with a PVC insulation and protective nylon jacket. These cables are used for power distribution (600V) in both wet and dry locations, conductor temperatures not exceeding 90°C for dry locations and 75°C for wet locations. The product is RoHS compliant.

## SUNLIGHT RESISTANCE

T90 cables are rated sunlight resistant when marked accordingly. Construction is available in black, white, red, blue, green, yellow, brown, orange and gray. Some colours are subject to economic order quantity.



## APPLICATIONS

T90 cables are a general purpose building wire primarily used for installation in conduit (raceways) and as exposed wiring in dry locations not exceeding 90°C. Also rated THHN, THWN-2 and TWN75 for wet or dry locations at not more than 75°C. Minimum installation handling temperature is -25°C with suitable handling procedures; minimum operating temperature is -40°C.

COND SIZE	COND STRAND	MIN. AVG. INSUL.		MIN. AVG. NYLON		NOMINAL OVERALL DIA.		APPROX. WEIGHT	
		inch	mm	inch	mm	inch	mm	lbs/1000ft	kg/km
14	1	0.015	0.38	0.004	0.10	0.102	2.59	15	23
14	19	0.015	0.38	0.004	0.10	0.109	2.77	15	23
12	1	0.015	0.38	0.004	0.10	0.119	3.02	23	34
12	19	0.015	0.38	0.004	0.10	0.128	3.25	24	36
10	1	0.020	0.51	0.004	0.10	0.150	3.81	37	55
10	19	0.020	0.51	0.004	0.10	0.161	4.09	38	57
8	19	0.030	0.76	0.005	0.13	0.213	5.41	63	93
6	19	0.030	0.76	0.005	0.13	0.249	6.32	95	141
4	19	0.040	1.02	0.006	0.15	0.318	8.08	152	227
3	19	0.040	1.02	0.006	0.15	0.346	8.79	189	281
2	19	0.040	1.02	0.006	0.15	0.378	9.60	234	349

## PRINT / MARKINGS

##AWG #.##mm<sup>2</sup> T90 NYLON LL49446 TWN75 THHN THWN FT1 600V CSA C-US  
DD/MM/YY HH:MM ##AWG #.##mm<sup>2</sup>

