



# Copper T90 600V PVC/Nylon insulation

PWC Part Number	Size AWG	Stranding	Insulation Thickness (inches)	Nylon Jacket Thickness (inches)	Overall Diameter (inches)	Weight LBS/KM	Ampacity at 90C *
CU-T90-14	14	7	0.015	0.004	0.112	53	15
CU-T90-12	12	7	0.015	0.004	0.131	79	20
CU-T90-10	10	7	0.020	0.004	0.165	122	30
CU-T90-8	8	7	0.030	0.005	0.218	210	55
CU-T90-6	6	7	0.030	0.005	0.256	315	75
CU-T90-4	4	7	0.040	0.006	0.325	509	95
CU-T90-3	3	7	0.040	0.006	0.345	624	110
CU-T90-2	2	7	0.040	0.006	0.388	771	130
CU-T90-1	1	7	0.050	0.007	0.437	985	150
CU-T90-1/0	1/0	19	0.050	0.007	0.477	1214	170
CU-T90-2/0	2/0	19	0.050	0.007	0.521	1526	195
CU-T90-3/0	3/0	19	0.050	0.007	0.571	1871	225
CU-T90-4/0	4/0	19	0.050	0.007	0.627	2363	260
CU-T90-250	250	37	0.060	0.008	0.711	2789	290
CU-T90-300	300	37	0.060	0.008	0.766	3317	320
CU-T90-350	350	37	0.060	0.008	0.817	3845	350
CU-T90-400	400	37	0.060	0.008	0.864	4374	380
CU-T90-500	500	37	0.060	0.008	0.949	5423	430

All values are nominal and subject to correction

\* Ampacities for not more than three conductors in raceway, based on ambient temperature of 30°C per Table 310-16 of the 2005 National Electrical Code (NFPA 70-1990)

**Application:** T90 cables are primarily use for power distribution. RW90 cables may be used in wet or dry locations, with ambient temperatures not exceeding 90°C. Voltage rating for RW90 cable is 600V.

**Conductors:** T90 conductor is a compact soft drawn bare copper, with Class B stranding per ASTM

**Insulation:** T90 has abrasion, heat and moisture resistant PVC poly-vinyl chloride insulation

**Standards:** T90 meets or exceeds the following standards

- CUL T90, TWN75 rated
- Requirements of the Canadian Electrical Code
- ASTM standards
- Sunlight resistant
- Oil & Gasoline resistant
- VW1 rated

**1-877-611-5122**