

# UL 1283/TEW, PVC Motor Lead Wire

PVC Motor Lead Wire  
4/64" Insulation

PVC Insulation  
Stranded tinned or bare copper: 19, 133, or 259 concentric strand, 30 AWG strand  
Standard colors: many

UL: 105C, 600v, MTW, 60C Oil, VW-1/10269 1000v

CSA: 105C, 600v, TEW, FT1

## Standards

UL 758  
CSA 22.2  
CSA Flame test FT1  
RoHS compliant

## Alternative Constructions

High flex strand available

## Applications:

Electronics and internal wiring of appliances. For use in switchgear, control panel, electric motor, machine tools, etc. Rated for continuous use up to 105C.

AWG Size	Copper Stranding	Nominal Insulation Thickness		Nominal Outer Diameter		Approximate Weight		UL Type	CSA Type
		(in)	(mm)	(in)	(mm)	(lbs./kft)	(kg/km)		
6	19/0.037" 104/30	0.060	1.52	0.306	7.8	109	164	MTW, BC-5W2, 1232, 1283, 10269	TEW, AWM I A/B
		0.060	1.52	0.324	8.2	109	164		
4	19/0.047" 133/25	0.060	1.52	0.355	9.0	172	258	MTW, BC-5W2, 1232, 1283, 10269	TEW, AWM I A/B
		0.060	1.52	0.367	9.3	177	266		
2	19/0.059" 133/23	0.060	1.52	0.419	10.6	250	375	MTW, BC-5W2, 1232, 1283, 10269	TEW, AWM I A/B
		0.060	1.52	0.452	11.5	256	384		

\*combo strand includes several AWG sizes generally in concentric form

- UL 1232 Rated up to 105C, 60C wet
- UL 1283 Rated up to 105C
- UL 10269 Rated up to 1000v @ 90C
- UL MTW Machine Tool Wire
- UL BC-5W2 Boat Cable, Circuit wiring in marine pleasure craft
- CSA TEW Thermoplastic Equipment Wire
- CSA AWM Appliance Wiring Material
- CSA I A/B May be used in enclosed spaces in environments with moisture and UV