

PVC - Type 1028/1283/1284 (AWM)

Appliance, Hook-up, Panel and Motor Lead Wire

UL: 105°C, 600V, MTW, VW-1 / 1032: 1000V

CSA: 105°C, 600V, FT1



IEWC Part Number	AWG	Stranding	Nominal Insulation Thickness		Nominal O.D.		Approx. Weight		UL Type	CSA Type
			in	mm	in	mm	lbs/1k ft	kg/km		
1028/18	18	16/30	0.045	1.1	0.136	3.5	12	18	MTW, 1028, 1231	TEW, AWM I A/B
1028/14	14	19/.0147	0.045	1.1	0.163	4.1	22	33	MTW, 1028, 1231	TEW, AWM I A/B
		41/30	0.045	1.1	0.163	4.1	22	33	MTW, 1028, 1231	TEW, AWM I A/B
1028/12	12	19/.0185	0.045	1.1	0.184	4.7	31	46	MTW, 1028, 1231	TEW, AWM I A/B
		65/30	0.045	1.1	0.184	4.7	31	46	MTW, 1028, 1231	TEW, AWM I A/B
1028/10	10	19/.0234	0.045	1.1	0.207	5.3	46	68	MTW, 1028, 1231	TEW, AWM I A/B
		105/30	0.045	1.1	0.207	5.3	46	68	MTW, 1028, 1231	TEW, AWM I A/B
1028/08	8	19/UL Combo	0.045	1.1	0.237	6.1	67	100	MTW, BC-5W2,1011, 1028, 1032, 1231	TEW, AWM I A/B
		133/29	0.045	1.1	0.252	6.4	67	100	MTW, BC-5W2,1011, 1028, 1032, 1231	TEW, AWM I A/B
		168/30	0.045	1.1	0.252	6.4	67	100	MTW, BC-5W2,1011, 1028, 1032, 1231	TEW, AWM I A/B
1283/06	6	19/.0372	0.060	1.5	0.306	7.8	109	162	MTW, BC-5W2, THHW, 1232, 1283, 1346, 10269	TEW, AWM I A/B
		133/27	0.060	1.5	0.324	8.2	109	162	MTW, BC-5W2, THHW, 1232, 1283, 1346, 10269	TEW, AWM I A/B
1283/04	4	19/.0469	0.060	1.5	0.355	9.0	172	256	MTW, BC-5W2, THHW, 1232, 1283, 1346, 10269	TEW, AWM I A/B
		133/25	0.060	1.5	0.367	9.3	152	226	MTW, BC-5W2, THHW, 1232, 1283, 1346, 10269	TEW, AWM I A/B
1283/02	2	19/.0591	0.060	1.5	0.419	10.6	250	372	MTW, BC-5W2, THHW, 1232, 1283, 1346, 10269	TEW, AWM I A/B
		133/23	0.060	1.5	0.452	11.5	256	381	MTW, BC-5W2, THHW, 1232, 1283, 1346, 10269	TEW, AWM I A/B
		665/30	0.060	1.5	0.425	10.8	256	381	MTW, BC-5W2, THHW, 1232, 1283, 1346, 10269	TEW, AWM I A/B
1284/01	1	19/.0664	0.080	2.0	0.496	12.6	326	485	MTW, 1232, 1284	AWM I A
		259/25	0.080	2.0	0.521	13.2	324	482	MTW, BC-5W2, THHW, 1232, 1284, 1338, 10269	TEW, AWM I A/B
		836/30	0.080	2.0	0.525	13.3	324	482	MTW, BC-5W2, THHW, 1232, 1284, 1338, 10269	TEW, AWM I A/B
1284/1/0	1/0	19/.0745	0.080	2.0	0.536	13.6	401	597	MTW, 1232, 1284	AWM I A
		1064/30	0.080	2.0	0.565	14.4	401	597	MTW, BC-5W2, THHW, 1232, 1284, 1338, 10269	TEW, AWM I A/B
1284/2/0	2/0	19/.0837	0.080	2.0	0.583	14.8	490	729	MTW, 1232, 1284	AWM I A
		1330/30	0.080	2.0	0.620	15.7	490	729	MTW, BC-5W2, THHW, 1232, 1284, 1338, 10269	TEW, AWM I A/B
1284/3/0	3/0	19/.0940	0.080	2.0	0.634	16.1	618	920	MTW, 1232, 1284	AWM I A
		1672/30	0.080	2.0	0.670	17.0	618	920	MTW, BC-5W2, THHW, 1232, 1284, 1338, 10269	TEW, AWM I A/B
1284/4/0	4/0	19/.1055	0.080	2.0	0.692	17.6	756	1125	MTW, 1232, 1284	AWM I A
		2107/30	0.080	2.0	0.730	18.5	756	1125	MTW, BC-5W2, THHW, 1232, 1284, 1338, 10269	TEW, AWM I A/B
1284/250	250	37/.0822	0.095	2.4	0.769	19.5	900	1339	MTW, 1284	AWM I A
		2451/30	0.097	2.5	0.871	22.1	900	1339	MTW, THHW, 1284, 1339, 10269	AWM I A/B
1284/300	300	37/.0900	0.095	2.4	0.824	20.9	926	1378	MTW, 1284	AWM I A
		37/.0973	0.095	2.4	0.875	22.2	1081	1609	MTW, 1284	AWM I A
1284/350	350	3458/30	0.097	2.5	1.001	25.4	1322	1967	MTW, THHW, 1284, 1339, 10269	AWM I A/B
		37/.1162	0.095	2.4	1.007	25.6	1722	2562	MTW, 1284	AWM I A
1284/500	500	5054/30	0.097	2.5	1.241	31.5	1862	2771	MTW, THHW, 1284, 1339, 10269	AWM I A/B
		7581/30	0.112	2.8	1.486	37.7	2749	4091	MTW, THHW, 1284, 1339, 10269	AWM I A/B

Notes

- Soft-annealed, bare copper conductor
- Polyvinyl chloride (PVC) insulation
- RoHS Compliant
- A variety of insulation colors available

Alternative Constructions

- Soft-annealed, tinned copper conductor
- High-flexing UL 10070

Available Certifications

UL: TC
SAE: J1127, J1128

Applications

For use in control panel, electric motor & generator, electronic, manufacturing, switchgear, machine tool and appliance applications. Rated for continuous use up to 105°C.