

UL / CSA MULTI-RATE SINGLE CONDUCTOR PVC



FEATURES

- Special stranding and packaging are available upon request.
- Custom print available upon request.
- Custom Multi-Rate is available upon request.
- UL listed per Standard 1426 when marked "BC-5W2"*
- UL listed per Standard 1063 when printed "MTW"
- UL listed per Standard 83 when printed "TW" or THW" as applicable per marking**

* Wire is printed Oil Resistant.

**Oil Resistance at 60C marking is available upon request

APPLICATIONS

- Wiring of boats, appliances, machinery, radios, and construction wire.

CONSTRUCTION

High grade PVC, available with tinned or bare copper. UL recognized per Standard 758 per facing page information for each specific UL Style number.

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GAUGE	STRANDING	UL & CSA APPROVALS	INSULATION THICKNESS		NOMINAL O.D.		TEMP (DRY - WET)	STANDARD PACKAGING	SHIPPING WEIGHT LBS/1000 FT
			INCHES	MM	INCHES	MM	VOLTAGE RATING		
22	7/.010"	AWM 1007 1569 TR-64	0.015	0.38	0.064	1.63	105°C / 300V	10,000	3.8
22	7/.010"	MTW AWM 1015/1230/1335/1032/1569 TEW TR-32	0.030	0.76	0.094	2.39	105°C-60C / 600V	10,000	5.9
20	10/.010"	AWM 1007 / 1569 TR-64	0.015	0.38	0.071	1.80	105°C / 300V	10,000	5
20	10/.010"	MTW AWM 1015/1230/1335/1032/1569 TEW TR-32	0.030	0.76	0.101	2.57	105°C-60°C / 600V	10,000	7.4
18	16/.010"	MTW AWM 1015/1230/1335/1032 /1569TEW TR-32	0.030	0.76	0.111	2.82	105°C-60°C / 600V	30,000 drum	10
16	26/.010"	BC-5W2 MTW AWM 1015/1230/1335/1032/1569 TEW TR-32	0.030	0.76	0.123	3.12	105°C-75°C / 600V	25,000 drum	13
14	19/.0147"	BC-5W2 MTW THW AWM 1015/1230/1335/1032/1569 TEW TR-32	0.030	0.76	0.136	3.45	105°C-75°C / 600V	20,000 drum	19
14	41/.010"	BC-5W2 MTW THW AWM 1015/1230/1335/1032/1569 TEW TR-32	0.030	0.76	0.136	3.45	105°C-75°C / 600V	20,000 drum	19
12	19/.0185"	BC-5W2 MTW THW AWM 1015/1230/1335/1032/1569 TEW TR-32	0.030	0.76	0.156	3.96	105°C-75°C / 600V	15,000 drum	27
12	65/.010"	BC-5W2 MTW THW AWM 1015/1230/1335/1032/1569 TEW TR-32	0.030	0.76	0.156	3.96	105°C-75°C / 600V	15,000 drum	27
10	19/.0234"	BC-5W2 MTW THW AWM 1015/1230/1335/1032 TEW TR-32	0.030	0.76	0.181	4.60	105°C-75°C / 600V	12,000 drum	40
10	104/.010"	BC-5W2 MTW THW AWM 1015/1230/1335/1032 TEW TR-32	0.030	0.76	0.181	4.60	105°C-75°C / 600V	12,000 drum	41
8	19/.0295"	BC-5W2 MTW THW AWM 1024/1028/1228/1231/1336/1032 TEW	0.045	1.14	0.238	6.05	105°C-75°C / 600V	1000	66
8	133/.0112"	BC-5W2 MTW THW AWM 1024/1028/1228/1231/1336/1032 TEW	0.045	1.14	0.249	6.32	105°C-75°C / 600V	1000	69
8	168/.010"	BC-5W2 MTW THW AWM 1024/1028/1228/1231/1336/1032 TEW	0.045	1.14	0.249	6.32	105°C-75°C / 600V	1000	70
6	19/.0372"	BC-5W2 MTW THW AWM 1232/1283/1337 TEW	0.060	1.52	0.305	7.75	105°C-75°C / 600V	1000	107
6	133/.0140"	BC-5W2 MTW THW AWM 1232/1283/1337 TEW	0.060	1.52	0.321	8.15	105°C-75°C / 600V	1000	111

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.

KALAS HEADQUARTERS
167 Greenfield Road
Lancaster, PA 17601

WEST COAST OPERATION
1678 Delta Court
Hayward, CA 94544

KALASWIRE.COM
P 717.336.5575
F 717.945.1002

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			INCHES	MM	INCHES	MM	VOLTAGE RATING		
6	266/.010"	BC-5W2 MTW THW AWM 1232/1283/1337 TEW	0.060	1.52	0.324	8.23	105°C-75°C / 600V	1000	114
4	133/.0177"	BC-5W2 MTW THW AWM 1232/1283/1337 TEW	0.060	1.52	0.386	9.80	105°C-75°C / 600V	1000	164
4	420/.010"	BC-5W2 MTW THW AWM 1232/1283/1337 TEW	0.060	1.52	0.386	9.80	105°C-75°C / 600V	1000	168
2	133/.0223"	BC-5W2 MTW THW AWM 1232/1283/1337 TEW	0.060	1.52	0.468	11.89	105°C-75°C / 600V	500	252
2	665/.010"	BC-5W2 MTW THW AWM 1232/1283/1337 TEW	0.060	1.52	0.437	11.10	105°C-75°C / 600V	500	251
1	133/.0251"	BC-5W2 MTW THW AWM 1232/1284/1338 TEW	0.080	2.03	0.533	13.54	105°C-75°C / 600V	500	330
1	836/.010"	BC-5W2 MTW THW AWM 1232/1284/1338 TEW	0.080	2.03	0.518	13.16	105°C-75°C / 600V	500	333
1/0	133/.0282"	BC-5W2 MTW THW AWM 1232/1284/1338 TEW	0.080	2.03	0.583	14.81	105°C-75°C / 600V	500	401
1/0	1064/.010"	BC-5W2 MTW THW AWM 1232/1284/1338 TEW	0.080	2.03	0.563	14.30	105°C-75°C / 600V	500	403
2/0	133/.0316"	BC-5W2 MTW THW AWM 1232/1284/1338 TEW	0.080	2.03	0.630	16.00	105°C-75°C / 600V	500	501
2/0	1330/.010"	BC-5W2 MTW THW AWM 1232/1284/1338 TEW	0.080	2.03	0.615	15.62	105°C-75°C / 600V	500	500
3/0	418/.0201"	BC-5W2 MTW THW AWM 1232/1284/1338 TEW	0.080	2.03	0.690	17.53	105°C-75°C / 600V	500	620
3/0	1672/.010"	BC-5W2 MTW THW AWM 1232/1284/1338 TEW	0.080	2.03	0.670	17.02	105°C-75°C / 600V	500	614
4/0	2109/.010"	BC-5W2 MTW THW AWM 1232/1284/1338 TEW	0.080	2.03	0.740	18.80	105°C-75°C / 600V	500	765
250	2527/.010"	MTW THW AWM 1284/1339	0.095	2.41	0.850	21.59	105°C-75°C / 600V	500	955
350	3458/.010"	MTW THW AWM 1284/1339	0.095	2.41	0.980	24.89	105°C-75°C / 600V	500	1273
500	5054/.010"	MTW THW AWM 1284/1339	0.095	2.41	1.190	30.23	105°C-75°C / 600V	500	1852

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