

# 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**  
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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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