

Little Rebels are one of Ohmite's more economical lines of low wattage resistors. Constructed of a pure carbon film deposited on a high-grade ceramic body, these units offer better stability performance than comparable carbon composition resistors.

Little Rebels are designed for electrical and electronic applications that demand small sizes and small power ratings plus high performance and reliability.

SPECIFICATIONS

- MATERIAL**
Core: High-grade ceramic.
Terminals: Solder-coated copper lead.
DERATING: Linearly from 100% @ +70°C to 0% @ 155°C.
ELECTRICAL
Tolerance: ±5%.
Temperature Coefficient:
1Ω to 10 ±350 ppm/°C
11Ω to 91K -450 ppm/°C
100K to 1M -700 ppm/°C
1.1M to 10M -800 to 1500 ppm/°C
Maximum Overload Voltage:
OJ 400 Volts
OK 500 Volts
OL 700 Volts
OM 1000 Volts
ON 1000 Volts

Little Rebel®

Carbon Film Resistors
5% Tolerance
Available in E24 Ohmic values



FEATURES

- High stability, low noise level, long life.
- Ideal for applications requiring a steady low power drop.
- Available in Resistor Cabinet Assortments.
- 24 Values per decade.
- Quantity per reel:
OJ 5000
OK 5000
OL 4000
OM 2500
ON 1000

Series	Wattage	Ohms	Dimensions (in. / mm)		Max. Working Voltage	Lead ga.
			Max. Length	Max. Diam.		
OJ	0.125	1.0-1M	0.138 / 3.5	0.073 / 1.85	200	24
OK	0.250	1.0-10M	0.288 / 6.8	0.099 / 2.5	250	22
OL	0.500	1.0-10M	0.355 / 9.0	0.118 / 3.0	350	22
OM	1.00	1.0-10M	0.473 / 12.0	0.197 / 5.0	500	20
ON	2.00	1.0-10M	0.630 / 16.0	0.217 / 5.5	500	20

*Available in Cabinet Assortments (See Page 34)

STOCK PART NUMBERS FOR STANDARD RESISTANCE VALUES

Wattage						Wattage						Wattage						Wattage																				
Ohmic value	Part No. Prefix	Suffix	0.125	0.25	0.50	1.0	2.0	Ohmic value	Part No. Prefix	Suffix	0.125	0.25	0.50	1.0	2.0	Ohmic value	Part No. Prefix	Suffix	0.125	0.25	0.50	1.0	2.0	Ohmic value	Part No. Prefix	Suffix	0.125	0.25	0.50	1.0	2.0							
1	10G5							47	4705							2,200	2225							100,000	1045						4.7 MEG	4755						
1.1	11G5							51	5105							2,400	2425							110,000	1145						5.1 MEG	5155						
1.2	12G5							56	5605							2,700	2725							120,000	1245						5.6 MEG	5655						
1.3	13G5							62	6205							3,000	3025							130,000	1345						6.2 MEG	6255						
1.5	15G5							68	6805							3,300	3325							150,000	1545						6.8 MEG	6855						
1.6	16G5							75	7505							3,600	3625							160,000	1645						7.5 MEG	7555						
1.8	18G5							82	8205							3,900	3925							180,000	1845						8.2 MEG	8255						
2.0	20G5							91	9105							4,300	4325							200,000	2045						9.1 MEG	9155						
2.2	22G5							100	1015							4,700	4725							220,000	2245						10 MEG	1065						
2.4	24G5							110	1115							5,100	5125							240,000	2445													
2.7	27G5							120	1215							5,600	5625							270,000	2745													
3.0	30G5							130	1315							6,200	6225							300,000	3045													
3.3	33G5							150	1515							6,800	6825							330,000	3345													
3.6	36G5							160	1615							7,500	7525							360,000	3645													
3.9	39G5							180	1815							8,200	8225							390,000	3945													
4.3	43G5							200	2015							9,100	9125							430,000	4345													
4.7	47G5							220	2215							10,000	1025							470,000	4745													
5.1	51G5							240	2415							11,000	1125							510,000	5145													
5.6	56G5							270	2715							12,000	1225							560,000	5645													
6.2	62G5							330	3315							13,000	1325							620,000	6245													
6.8	68G5							350	3515							15,000	1525							680,000	6845													
7.5	75G5							360	3615							16,000	1625							750,000	7545													
8.2	82G5							390	3915							18,000	1825							820,000	8245													
9.1	91G5							430	4315							20,000	2025							910,000	9145													
10	10G5							470	4715							22,000	2225							1 MEG	1055													
11	11G5							510	5115							24,000	2425							1.1 MEG	1155													
12	12G5							560	5615							27,000	2725							1.2 MEG	1255													
13	13G5							620	6215							30,000	3025							1.3 MEG	1355													
15	15G5							680	6815							33,000	3325							1.5 MEG	1555													
16	16G5							750	7515							36,000	3625							1.6 MEG	1655													
18	18G5							820	8215							38,000	3825							1.8 MEG	1855													
20	20G5							910	9115							43,000	4325							2.0 MEG	2055													
22	22G5							1,000	1025							47,000	4725							2.2 MEG	2255													
24	24G5							1,100	1125							51,000	5125							2.4 MEG	2455													
27	27G5							1,200	1225							56,000	5625							2.7 MEG	2755													
30	30G5							1,300	1325							62,000	6225							3.0 MEG	3055													
33	33G5							1,500	1525							68,000	6825							3.3 MEG	3355													
36	36G5							1,600	1625							75,000	7525							3.6 MEG	3655													
39	39G5							1,800	1825							82,000	8225							3.9 MEG	3955													
43	43G5							2,000	2025							91,000	9125							4.3 MEG	4355													

Ohmite Cabinet Resistor Assortments are available from stock. They consist of sturdy plastic cabinets with compartmentalized drawers. Resistors are sorted by ohmic value. Each cabinet contains resistor types and values which are available from Ohmite stock.

For an exact listing of resistance values contained in any assortment, please contact the factory or your local Ohmite distributor.

Cabinet Resistor Assortments

Carbon Composition
Wirewound
Metal Film
Carbon Film
Metal Oxide

CARBON COMPOSITION

CABINET ASSORTMENTS

Part No.	Power rating (watts)	Resistance range	No. of values	Quantity	No. of cabinets	Series
CAB-21*	0.125	10.0-1M	80	500	2	OB
CAB-45*	0.125	2.7-22M	160	1000	4	OB
CAB-54*	0.250	10.0-10M	40	124	1	OC
CAB-54C	0.250	10.0-5.6M	40	440	1	OD
CAB-525*	0.250	2.7-22M	80	800	2	OC
CAB-525C	0.250	2.7-5.6M	76	800	2	OD
CAB-46*	0.250	2.7-22M	160	1500	4	OC
CAB-46C	0.250	2.7-5.6M	150	1450	4	OD
CAB-510*	0.500	10.0-10M	40	120	1	OE
CAB-510C	0.500	10.0-10M	40	200	1	OF
CAB-526*	0.500	2.7-22M	80	800	2	OE
CAB-526C	0.500	2.7-20M	80	800	2	OF
CAB-47*	0.500	2.7-22M	160	1500	4	OE
CAB-47C	0.500	2.2-5.6M	150	1500	4	OF
CAB-52*	1.000	11.0-10M	40	100	1	OG
CAB-52C	1.000	2.2-1M	40	200	1	OA
CAB-527*	1.000	2.7-22M	80	480	2	OG
CAB-527C	1.000	2.2-1M	80	400	2	OA
CAB-48*	1.000	2.7-22M	160	900	4	OG
CAB-53*	2.000	10.0-10M	40	100	1	OH

WIREWOUND/METAL OXIDE

CABINET ASSORTMENTS

Part No.	Power rating (watts)	Resistance range	No. of values	Quantity	No. of cabinets	Series
CAB-TU1	3,000	.10-10K	40	80	1	TUW/TUM
CAB-TU2	5,000	.10-10K	40	80	1	TUW/TUM
CAB-TW1	3,000	.10-10K	40	80	1	TWV/TWM
CAB-TW2	5,000	.10-10K	40	80	1	TWV/TWM
CAB-WP1	1,000	.10-1K	40	200	1	WP
CAB-WP2	2,000	.10-1K	40	200	1	WP

* NOTE: OB, OC, OE, OG, and OH series not recommended for new designs. Discontinued once inventory is depleted. Substitute Little Demons (Pg. 27) or OX/OY Series (Pg. 28)

METAL FILM

CABINET ASSORTMENTS

Part No.	Power rating (watts)	Resistance range	No. of values	Quantity	No. of cabinets	Series
CAB-8CM	0.167	10.0-301K	40	250	1	MJ
CAB-27CM	0.167	10.0-301K	80	500	2	MJ
CAB-31CM	0.167	10.0-301K	120	1000	3	MJ
CAB-9CM	0.25	10.0-1M	40	250	1	MK
CAB-28CM	0.25	10.0-1M	80	500	2	MK
CAB-32CM	0.25	10.0-1M	120	1000	3	MK
CAB-10CM	0.50	10.0-1M	40	250	1	ML
CAB-29CM	0.50	10.0-1M	80	500	2	ML
CAB-33CM	0.50	10.0-1M	120	1000	3	ML
CAB-11CM	1.0	10.0-1M	40	250	1	MM

CARBON FILM

CABINET ASSORTMENTS

Part No.	Power rating (watts)	Resistance range	No. of values	Quantity	No. of cabinets	Series
CAB-5F	0.125	10.0-1M	31	150	1	OJ
CAB-22F	0.125	10.0-1M	52	500	2	OJ
CAB-34F	0.125	10.0-1M	104	1000	3	OJ
CAB-6F	0.250	1.0-1M	36	150	1	OK
CAB-23F	0.250	1.0-1M	75	1000	2	OK
CAB-43F	0.250	1.0-1M	138	1500	4	OK
CAB-7F	0.500	1.0-1M	36	150	1	OL
CAB-24F	0.500	1.0-1M	75	1000	2	OL
CAB-44F	0.500	1.0-1M	138	1500	4	OL
CAB-14F	1.000	10.0-1M	36	150	1	OM
CAB-15F	2.000	10.0-1M	36	150	1	ON

METAL OXIDE

CABINET ASSORTMENTS

Part No.	Power rating (watts)	Resistance range	No. of values	Quantity	No. of cabinets	Series
CAB-MX1	1.0	0.39-47K	40	160	1	MX1
CAB-MX2	2.0	0.39-47K	40	160	1	MX2
CAB-MX3	3.0	5.0-100K	40	160	1	MX3
CAB-MX5	5.0	5.0-100K	40	160	1	MX5