

LR-11 Radial High Wattage Wire Wound Resistors

Features

- **Coating** - Silicone Coated ; Flame Retardent
- **Resistance Wire** - Copper Nickel alloy for low and medium values
- Nickel Chromium alloy for high values
- **Coating Type** - Matt Silicone varnish, Class C, Green colour
- **Leads** - Radial, Copper Wires, Solder Plated, Spot welded to caps
- **Construction** – Solid Alumina core with steel end caps, fully welded construction
- **Markings** - *El-Ci-Ar* logo, Resistance value, tolerance, Wattage
- **Resistor Tolerance** - 10% (K), 5% (J)
- **Breakdown Voltage** $\geq 500V$ (b/w leads & body)
- **Temperature Coefficient** - 200 ppm / °C.
- **Temperature Severity** - From - 40°C to + 200°C
- **Endurance** - Change in value < 3% after 1000 hours at 70oC, full load
- **Humidity** - Change in value < 1.5% after 1000 hours at 40oC, 90-95% RH
- **Short Time Overload** – Can withstand 10 times rated load for 5 seconds
– Change in values $\leq 2\%$
- **Terminations** - Wire and TAG Terminations available

Application

- For a variety of Industrial Applications
- Wide Range Available from 3W to 2000W
- Non-Inductive R also available on request



LR-11 Radial High Wattage Wire Wound Resistors

Watt W	Dimensions in mm						R Range		Termination	Mounting V- Vertical H - Horizontal
	L	D	ID	W	D	H	Min	max		
	± 5 mm	± 2 mm	± 2 mm	± 1 mm	± 0.05 mm	± 3 mm				
15	63	13	9	4.5	0.9	15	0E1	1K5	TAG	V / H
20	52	16	9	4.5	0.9	15	0E1	2K	TAG	V / H
25	63	16	9	4.5	0.9	15	0E1	3K	TAG	V / H
30	65	22	12	6	-	18	1E	10K	TAG	V / H
40	75	22	12	6	-	18	1E	15K	TAG	V / H
50	100	22	12	6	-	18	1E5	20K	TAG	V / H
60	125	22	12	6	-	18	2E	25K	TAG	V / H
75	150	27	12	8	-	20	2E	25K	TAG	V / H
100	150	32	20	8	-	20	3E	40K	TAG	V / H
150	210	32	20	8	-	20	3E	45K	TAG	V / H
200	250	32	20	8	-	20	4E5	65K	TAG	V / H
250	270	32	20	8	-	20	4E5	65K	TAG	V / H
300	270	42	25	8	-	30	5E6	70K	TAG	V / H
400	300	47	35	8	-	30	5E6	70K	TAG	V / H
500	310	52	40	8	-	30	5E6	85K	TAG	V / H

- Up to 2000W is available
- Values above and below specified range are available on request
- For Non Inductive R max values are half than the above values

