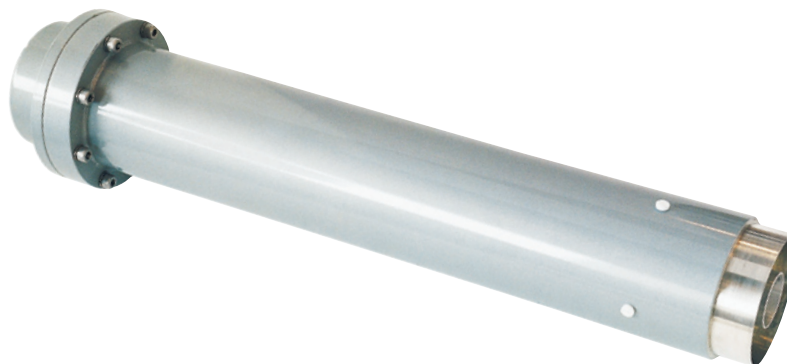


# Power Load

## 50 kW / 100 kW Water-cooled



50 kW

### PRODUCT FEATURES

- Excellent VSWR
- Moisture-proof
- Customising possibilities
- Resistor-less construction
- Compact size
- Adapters to all line sizes

### PRODUCT PROFILE

These well proven loads have provided years of reliable service in UHF systems throughout the world. The elegant and simple design requires no resistor and is well suited to high peak voltage applications. Using either water or water glycol mixture for cooling, the loads efficiently absorb transmitter powers up to 100 kW.

ARTICLE	LDB4-040K-A0	LDB4-100K-A0
<b>FREQUENCY RANGE</b>	470 - 860 MHz	470 - 860 MHz
<b>MAX INPUT POWER (at 25°C)</b>	50 kW	100 kW
<b>IMPEDANCE</b>	50 Ohm	50 Ohm
<b>VSWR</b> (at operating channel)	<1.05 (>32 dB) with matching section	<1.05 with (>32 dB) matching section
<b>COOLING SYSTEM CONN.</b>	1" FPT	2" FPT
<b>COOLING FLUID</b>	Water glycol	Water glycol
<b>WATER FLOW</b>	35 l/min	100 l/min
<b>CONNECTION</b>	RL98	EIA 6 1/8" flanged
<b>DIMENSIONS</b>	Diameter 148 mm (5.53 in) Length 650 mm (25.61 in)	Diameter 262 mm (10.3 in) Length 1370 mm (53.9 in)
<b>WEIGHT</b>	20 kg (44.1 lb)	~70 kg (154.3 lb)