

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