

DESCRIPTION

Procom loads/terminations are matched to 50 ohms characteristic impedance. Matched loads provide a termination designed to absorb all the incident power with very little reflection. Terminations are used in a wide variety of systems; any port of a multi-port microwave device that is not involved in the measurement, or in a system, should be terminated in its characteristic impedance in order to ensure an accurate measurement.

> This series of coaxial loads have very low SWR and are especially suitable for use with:

- > Power Hybrids.
- > Isolators.
- > Coaxial Transmission Lines.
- > Power Monitors.
- > Wattmeters.
- > Receiver Multicouplers.

> The surface of the dummy loads is black anodized.



PRL 15W



PRL 30W



PRL 3W



PRL 1W

SPECIFICATIONS

Electrical				
Model	PRL 1W	PRL 3W	PRL 15W	PRL 30W
Frequency	0-1 GHz	0-1.0 (2.5) GHz	0-1.5 (2.5) GHz	0-1.5 (2.5) GHz
Max. Input Power	1W	3W	15W (30W with extra cooling)	30W (60W with extra cooling)
Impedance	50 Ω			
VSWR	< 1.5:1	< 1.15:1 (< 1.5:1)	< 1.15:1 (< 1.5:1)	< 1.15:1 (< 1.5:1)

Mechanical				
Connection(s)	N(m)			
Dimensions	ø21 x 24 mm	ø21 x 39.5 mm	ø40 x 40 mm	ø40 x 60 mm
Weight	0.025 kg / 0.06 lb	0.05 kg / 0.11 lb	0.105 kg / 0.23 lb	0.18 kg / 0.40 lb

Environmental	
Operating Temperature Range	-30 to 60 °C

ORDERING

Type	Product No.
PRL 1W	210000640
PRL 3W	210000869
PRL 15W	210000553
PRL 30W	210000554

DIAGRAM

DIMENSIONS

