

0-3 GHz

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 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 has very low VSWR and is especially suitable for use with:
 - Power Hybrids.
 - Isolators.
 - Coaxial Transmission Lines.
 - Power Monitors.
 - Wattmeters.
- The surface of the dummy loads is black anodized.



PRL 50W-7/16 + PRL 50W-N

PRL 75W-7/16 + PRL 75W-N



PRL 100W-7/16 DIN + PRL 100W-N

PRL 100W-SQ-7/16 + PRL 100W-SQ-N

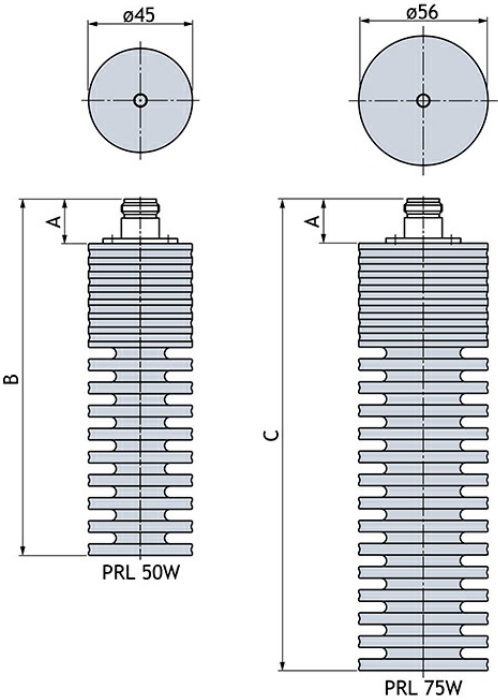
ORDERING

Model	Product No.
PRL 50W-N(f)	210000603
PRL 75W-N(f)	210000612
PRL 100W-N(f)	210000607
PRL 100W-SQ-N(f)	210000635
PRL 50W-7/16(f)	210000912
PRL 75W-7/16(f)	210002169
PRL 100W-7/16(f)	210002170
PRL 100W-SQ-7/16(f)	210002171

SPECIFICATIONS

Electrical				
Model	PRL 50W	PRL 75W	PRL 100W	PRL 100W SQ
Frequency	0 - 3000 MHz			
Max. Input Power	50 W	75 W	100 W	100 W
Impedance	50 Ω			
VSWR	0 - 2.0 GHz : ≤ 1.25:1 2.0 - 3.0 GHz : ≤ 1.5:1			
Mechanical				
Connection(s)	N(f) or 7/16 DIN(f)			
Dimensions	ø45 x 155 mm / ø1.77 x 6 in.	ø56 x 210 mm / ø2.20 x 8.26 in.	ø90 x 210 mm / ø3.54 x 8.26 in.	W: 70 x H: 70 x L: 180 mm / W:2.75 x H: 2.75 x L: 7 in.
Weight	Approx. 431 g	Approx. 942 g	Approx. 2060 g	Approx. 2060 g
Environmental				
Operating Temperature Range	-30 to 60 °C			

DIMENSION



DIMENSION TABLE

MODEL	A	B
PRL 50W-N(f)	18.5 mm (0.73 in.)	153.5 mm (6.04 in.)
PRL 50W-7/16(f)	21.5 mm (0.85 in.)	156.5 mm (6.16 in.)
A	C	
PRL 75W-N(f)	18.5 mm (0.73 in.)	203.5 mm (8.01 in.)
PRL 75W-7/16(f)	21.5 mm (0.85 in.)	206.5 mm (8.13 in.)
A	D	
PRL 100W-N(f)	18.5 mm (0.73 in.)	203.5 mm (8.01 in.)
PRL 100W-7/16(f)	21.5 mm (0.85 in.)	206.5 mm (8.13 in.)
A	E	
PRL 100W-SQ-N(f)	18.5 mm (0.73 in.)	178.5 mm (7.03 in.)
PRL 100W-SQ-7/16(f)	21.5 mm (0.85 in.)	181.5 mm (7.15 in.)

DIMENSION

