

COAXIAL LOADS (II)

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 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.
- The surface of the dummy loads is black anodized.



PRL 50W



PRL 75W



PRL 100W-SQ



PRL 100W

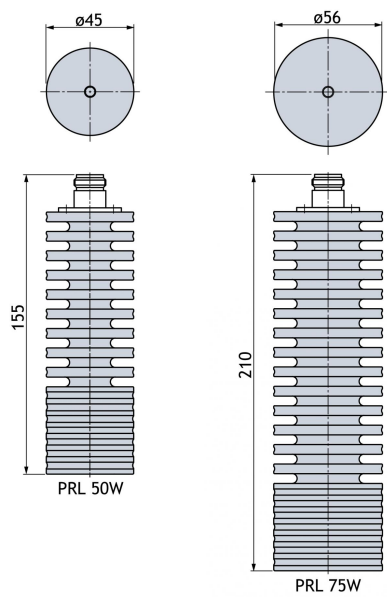
ORDERING DESIGNATIONS

TYPE	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

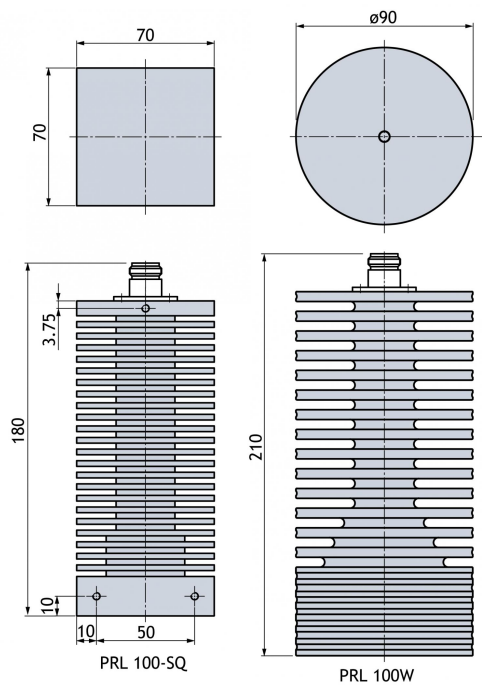
SPECIFICATIONS

ELECTRICAL				
MODEL	PRL 50W	PRL 75W	PRL 100W	PRL 100W-SQ
FREQ. RANGE	0-3 GHz	0-3 GHz	0-3 GHz	0-3 GHz
MAX. INPUT POWER	50W	75W	100W	100W
IMPEDANCE	Nom. 50 Ω	Nom. 50 Ω	Nom. 50 Ω	Nom. 50 Ω
SWR				
0 - 2.5 GHz	≤ 1.15	≤ 1.15	≤ 1.15	≤ 1.2
2.5 - 3.0 GHz	≤ 1.15	≤ 1.15	≤ 1.25	≤ 1.3
MECHANICAL				
TEMP. RANGE	-30°C → +60°C	-30°C → +60°C	-30°C → +60°C	-30°C → +60°C
CONNECTORS	N-female or 7/16 DIN-female	N-female or 7/16 DIN-female	N-female or 7/16 DIN-female	N-female or 7/16 DIN-female
DIMENSIONS	ø45 x 155 mm / ø1.77 x 6.10 in.	ø56 x 210 mm / ø2.20 x 8.27 in.	ø90 x 210 mm / ø3.54 x 8.27 in.	W: 70 x H: 70 x L: 180 mm / W: 2.78 x H: 2.78 x L: 7.09 in.
WEIGHT	Approx. 431 g / 0.95 lb.	Approx. 942 g / 2.08 lb.	Approx. 2060 g / 4.54 lb.	Approx. 1460 g / 3.22 lb.

DIMENSIONS N-female connector



DIMENSIONS N-female connector



PROCOM France S.A.R.L. se réserve le droit
d'améliorer les spécifications sans préavis.
27/02/15