

## Keysight Termination (Loads)

The Keysight termination/loads are widely used as accessories for both broadband and narrowband measurement instruments. Keysight's family of fixed and sliding loads includes both general purpose grade loads as well as loads intended for use as calibration standards.



909F



909E



909C



909A



909D

### Key features

- Low RF leakage and a clearly defined reference plane
- Tantalum nitride on sapphire thinfilm technology for exceptional long-term impedance stability
- Gold plated beryllium copper used for the connector contacts for the best possible wear resistance characteristics

## Product specifications

Model	Impedance	Frequency range (GHz)	VSWR	Max power	Connectors type	Length mm (In)	Diameter mm (In)
909A	50 $\Omega$	DC to 18	DC to 4 GHz: 1.05 4 to 12.4 GHz: 1.1 12.4 to 18 GHz: 1.25	2 W average 300 W peak	APC-7	51 (2)	23 (0.9)
909C	50 $\Omega$	DC to 2	1.005	1/2 W average 100 W peak	APC-7	51 (2)	22 (0.9)
909D	50 $\Omega$	DC to 26.5	DC to 3 GHz: 1.02 3 to 6 GHz: 1.036 6 to 26.5 GHz: 1.12	2 W average 100 W peak	3.5 mm (m)	23 (0.9)	9 (0.4)
909E	75 $\Omega$	DC to 3	2 to 3 GHz: 1.02		N (m)	51 (2)	21 (0.8)
909F	50 $\Omega$	DC to 18	DC to 5 GHz: 1.005 5 to 6 GHz: 1.01 6 to 18 GHz: 1.15	1/2 W average 100 W peak	APC-7	51 (2)	22 (0.9)
85138A	50 $\Omega$		DC to 26.5 GHz: 1.065		2.4 mm (m)	20 (0.78)	8 (0.31)
85138B	50 $\Omega$	DC to 50	26.5 to 40 GHz: 1.118 40 to 50 GHz: 1.220		2.4 mm (m)	20.95 (0.82)	8.25 (0.32)

## Ordering information

Model	Option	Description
909A	012	N male connector
	013	N female connector
909C	012	N male connector
	013	N female connector
909D	011	3.5 mm female termination
	040	3.5 mm male termination DC to -4 GHz 1.01 max SWR
909E	011	Type-N female connector
909F	012	N male connector
	013	N female connector

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