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Agilent Technologies

Innovating the HP Way

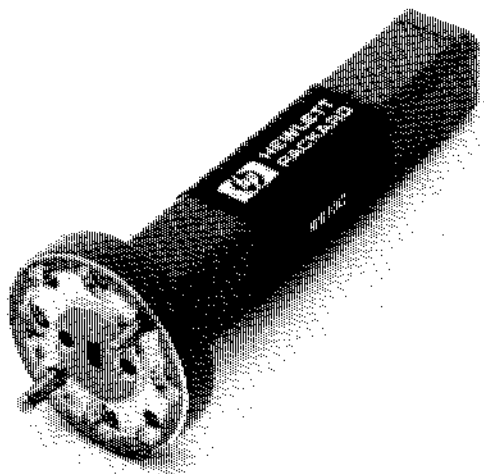
HP V910C, HP W910C mm-Wave Precision Fixed Terminations

50.0 to 110.0 GHz

New Performance Standards for mm-Wave Measurements



Technical Data



Specifications

HP Model #:	V910C	W910C
Frequency Range (GHz):	50.0 - 75.0	75.0 - 110.0
SWR (max.):	1.025	1.03
Maximum Input Power:	0.3W (avg.)	0.2W (avg.)
Fits Waveguide Size:		
ELA	WR-15	WR-10
MIL-W-85/x-xxx	3-019	3-025
Equivalent Flange:		
MIL-F-3922/xxx-xxx	67B-002	67B-010
UG-xxx/U	UG-385/U	UG-387/U (mod.)
Dimensions:		
Length:	cm. 5.6	5.6
	in. 2.2	2.2
Net Weight:	gm. 13	13
	lb. 0.03	0.03

HP's V910C and W910C precision fixed loads cover a frequency range of 50.0 to 75.0 GHz and 75.0 to 110.0 GHz respectively. They have been designed to have a maximum SWR of 1.025 for V-band and 1.03 for W-band. These precision fixed loads are ideal for the precise measurements of small reflections in transmission lines, and for calibration routines on measurement set-ups.

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