

Typical Data for Models 2914-2, -3, and -4 Bandpass Filter

Performance Specifications:

Type:	Resonant Cavity			
Size:	3"			
Model:	2914-2	2914-3	2914-4	
No. of Cavities:	2	3	4	
Typical VSWR	at ± 100 kHz:	1.03:1	1.06:1	1.06:1
	at ± 150 kHz:	1.08:1	1.05:1	1.05:1
	at ± 200 kHz:	1.10:1	1.08:1	1.08:1
Typical Insertion Loss:	-0.65 dB	-1.15 dB	-1.65 dB	
Typical Frequency Response (deviation from center frequency)	at ± 100 kHz:	-0.01 dB	-0.05 dB	-0.08 dB
	at ± 150 kHz:	-0.05 dB	-0.15 dB	-0.15 dB
	at ± 200 kHz:	-0.10 dB	-0.20 dB	-0.20 dB
Typical Group Delay (deviation from center frequency)	at ± 100 kHz:	15 nsec	20 nsec	25 nsec
	at ± 150 kHz:	20 nsec	40 nsec	50 nsec
	at ± 200 kHz:	50 nsec	100 nsec	150 nsec
Typical Bandwidth:	± 200 kHz	± 200 kHz	± 200 kHz	



Inputs, Outputs, and Weight:

Inputs:	Type "N" Female
Outputs:	Type "N" Female
Maximum Input Power:	500 W
Cooling:	Convection
Shipping Weight:	2914-2: 20 lb (9.1 kg)
	2914-3: 29 lb (13.2 kg)
	2914-4: 37 lb (16.8 kg)
Dimensions:	48" (121.9 cm) H
	4" (10.2 cm) D
	2914-2: 8" (20.3 cm) W
	2914-3: 12" (30.5 cm) W
2914-4: 16" (40.6 cm) W	



Document No. ds-2914 (090520)

A Division of Howell Laboratories, Inc., P. O. Box 389, Bridgton, Maine 04009 USA
 (207) 647-3327 1-888-SHIVELY Fax: (207)647-8273
 An Employee-Owned Company

www.shively.com
 sales@shively.com
 Certified to ISO-9001:2000