

# A1 Microwave

## Waveguide Harmonic Reject Filters PB1230WL series



### Specifications

#### Passband:-

Full waveguide operating range

Insertion loss 0.1 dB typical

Return loss 25 dB typical

#### Rejection

2nd harmonic 50 dB min

3rd harmonic 80 dB min

Alternative flanges are available.

Models optimised for specific operating bands are also available; see separate datasheets.

### Ordering Information

Part number	Part			Flanges	Passband		2nd Harmonic		3rd Harmonic	
	R	WR	WG		GHz		GHz		GHz	
PB1230WL	32	284	10	UDR 32	2.60	3.95	5.20	7.90	7.80	11.85
PB1231WL	40	229	11a	UDR 40	3.30	4.90	6.60	9.80	9.90	14.70
PB1232WL	48	187	12	UDR 48	3.94	5.99	7.88	11.98	11.82	17.97
PB1233WL	58	159	13	UDR 58	4.64	7.05	9.28	14.10	13.92	21.15
PB1234WL	70	137	14	UDR 70	5.38	8.18	10.76	16.36	16.14	24.54
PB1235WL	84	112	15	UBR 84	6.58	10.00	13.16	20.00	19.74	30.00
PB1236WL	100	90	16	UBR 100	8.20	12.50	16.40	25.00	24.60	37.50
PB1237WL	120	75	17	UBR 120	9.84	15.00	19.68	30.00	29.52	45.00
PB1238WL	140	62	18	UBR 140	11.90	18.00	23.80	36.00	35.70	54.00
PB1239WL	180	51	19	UBR 180	14.50	22.00	29.00	44.00	43.50	66.00
PB1240WL	220	42	20	UBR 220	17.60	26.70	35.20	53.40	52.80	80.10
PB1241WL	260	34	21	UBR 260	21.70	33.00	43.40	66.00	65.10	99.00
PB1242WL	320	28	22	UBR 320	26.40	40.00	52.80	80.00	79.20	120.00

**Enquiries@A1Microwave.com is your fastest route to custom designed microwave and RF filters, diplexers, passive coaxial and waveguide components, 100 MHz to 50 GHz**

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