



## 300-360 MHz Preselectors PS4-2A, PS4-4A

PS4-2A



PS4-4A



### Electrical specifications

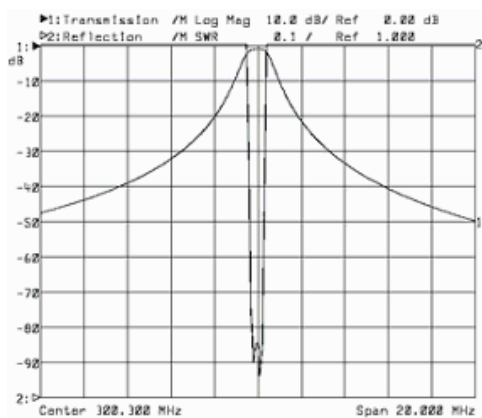
Model	PS4-2A	PS4-4A
Operating frequency band, MHz		300-360
Insertion loss (adjustable) not more, dB	1	2
Max. frequency bandwidth, MHz	0,6	3
Impedance, Ohm		50
Gain		see figure
VSWR, not more than		1,5
Input power, W		not more than 300
Temperature range, °C		from -30 to +60
Cavity electrical length		1/4λ

### Mechanical specifications

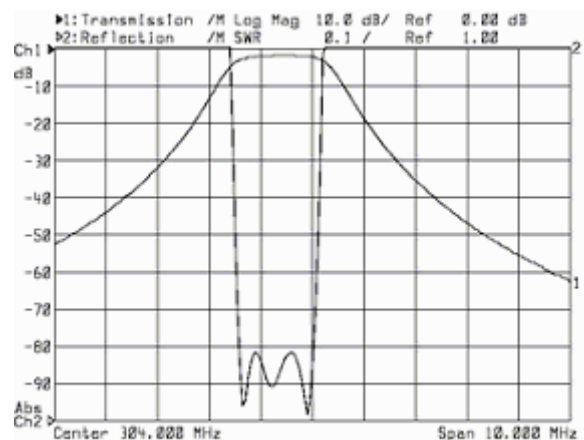
Model	PS4-2A	PS4-4A
Diameter of cavity, mm (ins.)		110 (4")
Weight, kg	3,3	6,1
Connector		N-female
Mount to 19-inch rack		present
Length/Width/Depth not more, mm	400x480x115	400x480x230

Preselectors PS4-4(6)VA are based on bandpass filters and designed to pass several frequency channels and cut out the other. Absence of wide variety of 300 MHz range equipment yet restrains active usage of this frequency range in the trunking systems. PS4-4(6)A type preselectors, and other "ALT" range equipment: broadband dipole, directional antennas, filters, duplexers, transmitter combiners, enable you to construct highly effective 300-360 MHz communication system.

### Preselectors typical gain-frequency characteristics



PS4-2A



PS4-4A