



## 400-490 MHz Preselectors PS8-2U



### Electrical specifications

Model	PS8-2U
Operating frequency band, MHz	400-490
Insertion loss (adjustable) not more, dB	1
Max. frequency bandwidth, kHz	200
Impedance, Ohm	50
Gain	see figure
VSWR, not more than	2
Input power, W	not more than 300
Temperature range, °C	from -30 to +60
Cavity electrical length	1/4λ

### Mechanical specifications

Model	PS8-2U
Diameter of cavity, mm (ins.)	206 (8")
Weight, kg	4,1
Connector	N-female
Mount to 19-inch rack	present
Length/Width/Depth not more, mm	360x480x210

Conducting sales managers of our company noted risen interest of customers to particular type of filters, which are preselectors with narrow 150-200 MHz band and slope response curve. Such concern in these devices is accounted for requirement to pass 4-5 receiving channels with slight frequency separation of 25-50 MHz and desire to cleanse spectra from all unwanted frequencies as better as it is possible. This makes our filter ideal in terms of characteristics, overall dimensions and price for construction of receiving sections at locations with labored electromagnetic environment.

### Preselector PS8-2U typical gain-frequency characteristics

