



400-490 MHz Bandreject filters RF8-1UL, RF10-1UL

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Electrical specifications

Model	RF8-1UL	RF8-2UL	RF10-1UL
Operating Frequency band, MHz		400-490	
Insertion loss (adjustable), dB	0,5-3	1-3	0,5-3
Impedance, Ohm		50	
Attenuation (see fig.n) Δf BP/BR=200 kHz, dB	18	35	13
VSWR, not more than		1,5	
Input power, not more, W		not more than 300	
Temperature Range with garanted stabilization, °C		from -30 to +60	
Cavity electrical length		3/4 λ	

Mechanical specifications

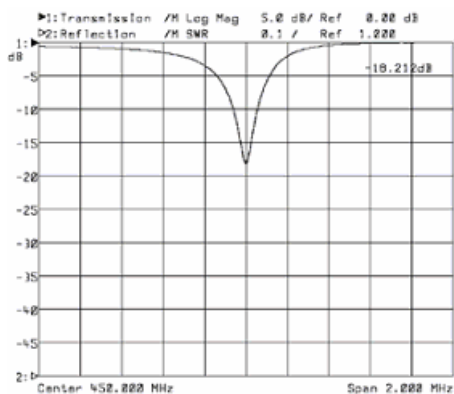
Model	RF8-1UL	RF8-2UL	RF10-1UL
Diameter, mm (ins.)	206 (8")		257 (10")
Weight, kg	3,3	4,2	3,9
Connector		N-female	
Mount to rack	optional	19" or	24"
Length/Width/Depth, mm	800x206x206	800x480x210	800x257x257

Bandreject filters RF8-UL have found themselves in radio stations and repeaters receiving section operating closely to powerful transmitter, operating at known neighboring frequency. Bandreject filter enables to effectively eliminate interference at significantly lower frequency separation, unlike bandpass filter.

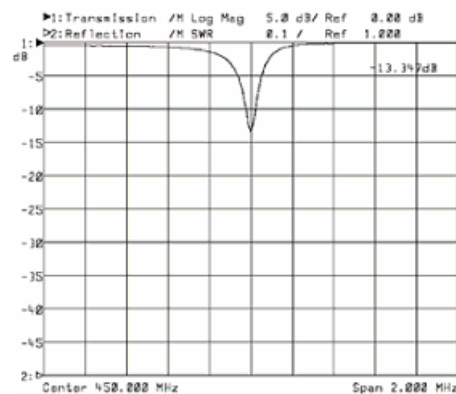
Presence of 3/4-wave cavity in bandreject filter will save your transmitters from persistent signals of paging transmitters or telemetry systems, located closely to your antennas.

Careful selection of cable junction in RF8-2UL and RF8-3UL filters provides maximum convergence of pass and reject frequency preserving low loss.

Typical selectivity characteristics



RF8-1UL



RF10-1UL