

# SMR TRUNKING 800MHz RECEIVE PRESELECTOR • PR 85-6MSMR



**Fiplex PR 85-6MSMR** is a six poles combine preselector, designed to be used as a front-end protection in SMR trunking 800 MHz receivers.

The outstanding channel filtering characteristics of this model combines a very low insertion loss, less than 0.5 dB at the band-pass frequencies (806 - 824 MHz) and a strong rejection of 90 dB minimum at the transmitter band (851 - 869 MHz).

This rugged construction ensures long term, high thermal stability. PR 85-6MSMR is supplied with two 19 in. mounting brackets.



PR 85-6MSMR

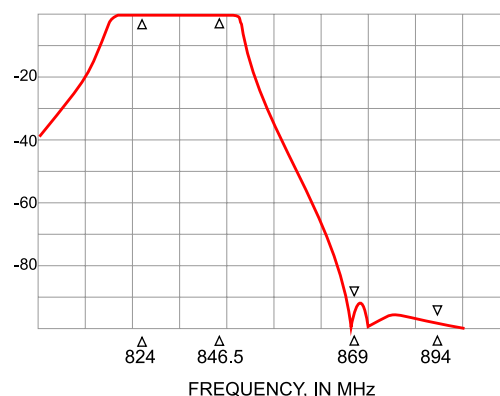
## ELECTRICAL SPECIFICATIONS

Band Pass frequency, in MHz	806 - 824
Power, in Watts	200 cont 450 peak
Insertion loss, in dB	
806 - 824 MHz	0.50 max
Return loss, in dB	17 min
Rejection, in dB	
851 - 869 MHz	90 min
Connectors	N(f)
Temperture range, in °C	-15 to + 60

## MECHANICAL SPECIFICATIONS

Dimensions HxWxD,	
in inches	19 x 2 x 6
in mm	482 x 51 x 153
Weight, in Lbs	8
Mounting	For 19" normalized rack, 1 rack unit

PR 85-6MSMR • TYPICAL RESPONSE CURVES



SMR 800 MHz - FREQUENCY DISTRIBUTION

