

SMR TRUNKING 800 MHz TRANSMITTER FILTER • FBP 85-6MSMR



Fiplex FBP 85-6MSMR is a six poles combline filter, designed to be used in SMR 800 MHz trunking transmitters. The outstanding channel filtering characteristics of this model provides a strong noise rejection of 75 dB minimum at the receiver band (806 - 824 MHz) with less than 0.5 dB of band pass insertion loss at the transmitter band (851 - 869 MHz). The compact design minimizes rack space requirements. This rugged construction ensures long term, high thermal stability. FBP 85-6MSMR is supplied with two 19 in. mounting brackets.



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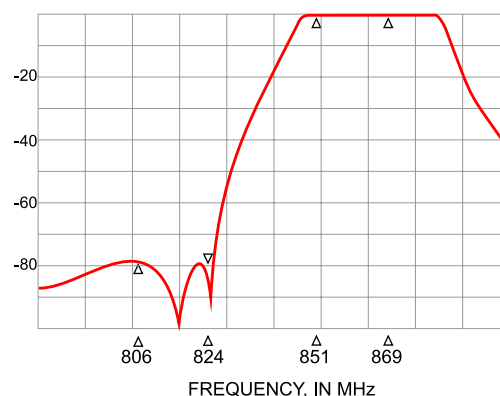
ELECTRICAL SPECIFICATIONS

Band Pass frequency, in MHz	851 - 869
Power, in Watts	200 cont 450 peak
Insertion loss, in dB	
851 - 869 MHz	0.50 max
Return loss, in dB	20 min
Rejection, in dB	
806 - 824 MHz	75 min.
Connectors	N(f)
Temperature range, in °C	-15 to + 60

MECHANICAL SPECIFICATIONS

Dimensions HxWxD,	
in inches	19 x 6 x 2
in mm	482 x 152 x 51
Weight, in Lbs	8
Mounting	For 19" normalized rack, 1 rack unit

FBP 85-6MSMR • TYPICAL RESPONSE CURVES



SMR 800 MHz - FREQUENCY DISTRIBUTION

