

BAND PASS PRESELECTORS

150 - 174MHz & 440 - 500MHz

Product Features

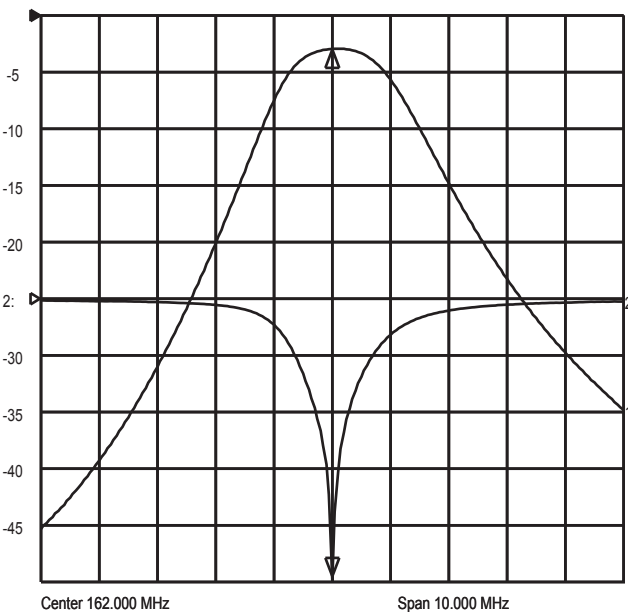
- Band pass response
- Mid Q cavities
- 50w continuous handling power
- 4 resonators
- High thermal stability
- Wide temperature range



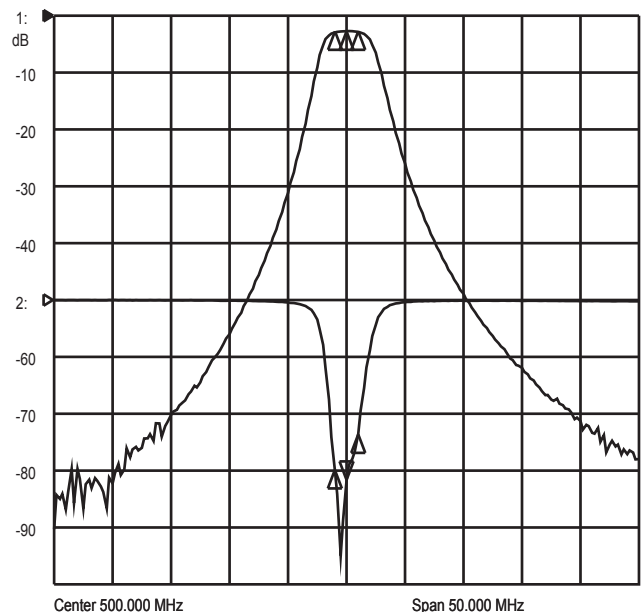
PR45-4C-PE
UHF PRESELECTOR

Specifications	PR15-4H-1	PR15-4H-2	PR45-4C-1	PR45-4C-2
Frequency Range - MHz	136 - 150	150-174	400 - 440	440-520
Number of resonators	4	4	4	4
Type of resonator	Helical	Helical	Coaxial TEM	Coaxial TEM
Bandwidth - MHz	Single channel	Single channel	2.0	2.0
Continuous Power Input, Max- W.	50	50	50	50
Insertion Loss - dB	3.5 max, 2.9 typ	3.5 max, 2.9 typ	3.5 max, 2.9 typ	3.5 max, 2.9 typ
Rejection @ +/- 5.0MHz- dB	35dB min, 45dB typ	35dB min, 45dB typ	35dB min, 45dB typ	35dB min, 45dB typ
RL - dB	20	20	20	20
Connectors, Standard Type	N(m), 12 in cable	N(m), 12 in cable	N(m), 12 in cable	N(m), 12 in cable
Temperature range	-22 to + 140 • - 30 to + 60		-22 to + 140 • - 30 to + 60	
Dimension	2.4 x 2.0 x 4.4 in 60.0 x 51.0 x 112.0 mm		2.4 x 2.0 x 6.5 in 60.0 x 51.0 x 165.0	
Weight	2 lbs • 0.9 kgs		2 lbs • 0.9 kgs	

PR15-4H
RESPONSE CURVE



PR45-4C
RESPONSE CURVE



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