

VHF BAND-PASS BASE STATION DUPLEXER • 8in

DBP1522N



Product Features

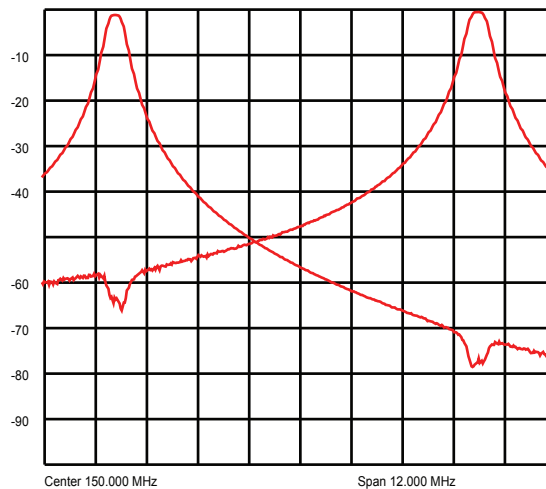
- Full band pass response
- Low loss
- High q band pass cavities
- Rack mounting
- Wide temperature range
- Invar control cavities

Specifications

Value

Specifications	Value
Type	Band Pass Duplexer
Frequency band	136 – 174MHz
Number of cavities	4 total, 2 per side
Cavity type	¼ wavelength
Cavity size	8 x 8 inches
Insertion loss, typ	1.5dB
Insertion loss, max	1.8dB
Minimum split	3.0MHz
Rejection at min split	47dB
Max input power	250W
Return loss, all ports	20dB min
Impedance, in/out	50 Ω
Connectors	N(f)
Temperature range	-22 to + 140° F -30 to +60° C
Mounting	19 in rack, vertical cavities
Dimension	31.5 x 19.0 x 16.53 in • 800 x 483 x 420 mm

DBP1522Q • TYPICAL RESPONSE CURVES



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