

Band-Reject Filters for the 80 MHz

DESCRIPTION

- High power base station band-reject filters for the 66 – 88 MHz range.
- The use of large ø250 mm cavities means a high Q, resulting in a very narrow notch bandwidth.
- The large dimensions also mean a high power rating.
- Unloaded Q of a single cavity is approx. 8000.
- High frequency stability on temperature and power.
- 19" mounting brackets are available as an option.



ORDERING

Model	Product No.
BRF 4/1-250	200001923
BRF 4/2-250	200001924
BRF 4/3-250	200001212

SPECIFICATIONS

Electrical			
Model	BRF 4/1-250	BRF 4/2-250	BRF 4/3-250
Frequency	66 - 88 MHz		
Max. Input Power	350 W @ 0.5 dB IL 200 W @ 1.0 dB IL	350 W @ 1.0 dB IL 200 W @ 2.0 dB IL	350 W @ 1.5 dB IL 200 W @ 3.0 dB IL
1 dB Notch Bandwidth	1 % of fc		
Impedance	50 Ω		
VSWR	≤ 1.5:1		
Mechanical			
Connection(s)	N(f)		
Dimensions	ø250 x 1200 mm / ø9.84 x 47.24 in.	L:250 x W:500 x H:1200 mm / L:9.84 x W:19.68 x H:47.24 in.	L:250 x W:600 x H:750 mm / L:9.84 x W:23.62 x H:29.52 in.
Weight	Approx. 8.6 kg / 18.96 lb.	Approx. 17.5 kg / 38.58 lb.	Approx. 26.6 kg / 58.64 lb.
Environmental			
Operating Temperature Range	30 to 60 °C		
Frequency Stability	1.5 ppm/° C (approx.)		

