



4-INCH CAVITY PASS-REJECT DUPLEXERS

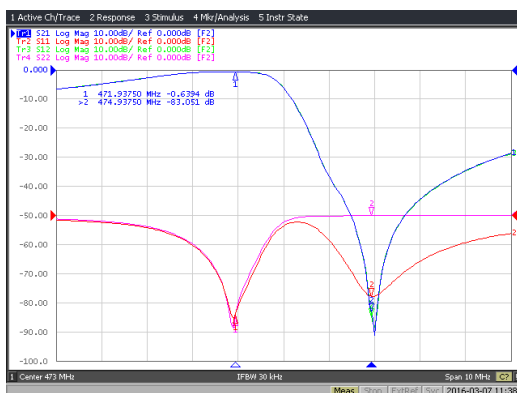
138-960 MHz

66-FF-46 Series (6) 4" Cavity Duplexers

These 6-cavity 4" base station duplexers are ideal for high power close frequency separation installations. These filters are designed for the combination of 2 frequencies that require extra isolation or they can be used as an efficient pre-selector. If higher levels of isolation are required, please consider using the 8-cavity configuration. Selectivity can be determined by the field adjustable loops. Each cavity is temperature compensated for operation between -40°C to +60°C. Each cavity has a gold Alodine finish, silver-plated loops, and silver-plated tuning rods.

- Temperature Compensation
 - Ensures Frequency Stability
- High Attenuation
 - Minimizes desense and interference from adjacent systems

Electrical Specifications	66-13-46	66-FF-46	66-FF-46
Frequency Range, MHz	138-174	380-512	746-960
Frequency Spacing Min. MHz	0.5	3.0	3.6
Cavities, Diameter, in	(6) - 4" Square	(6) - 4" Square	(6) - 4" Square
Continuous Power Input, Watts	350	350	350
Connectors	N Female		
Insertion Loss, dB (maximum)	2.1	1.2	1.2
Channel Isolation, dB	85	100	85
VSWR	1.2:1	1.2:1	1.2:1
Temperature °C	-40 to +60	-40 to +60	-40 to +60
Mechanical Specifications	66-13-46	66-FF-46	66-FF-46
Maximum length, in (H x W x D)	8 x 19 x 31	8 x 19 x 15	8 x 19 x 12
Weight, lbs (kg)	45 (20.25)	27 (12.15)	24 (10.8)
Mounting	19" Rack Mount		



66-40-46 (UHF)

