

66-FF-36HE Base Station Duplexer

These base station duplexers use six 4" x 3" cavities. They are ideal for compact high performance applications. They are designed to cover either the VHF or the UHF frequency bands. These filters are designed for the combination of two frequencies that require extra isolation or they can be used as an efficient preselector. An eight cavity configuration is also available for a higher level of isolation and selectivity.

- N Female connectors on the input and output
- Can be retuned in the field
- These duplexers are available in other frequencies and configurations. Please call our technical support for additional models.



Electrical Specifications	66-13-36HE		66-40-36HE	
Frequency Range, MHz	138-174		406-512	
Frequency Spacing, MHz	1	2	1	2
Continuous Power Inputs, Watts	150	150	150	150
Connectors	N Female	N Female	N Female	N Female
Insertion Loss, dB	1.5	1.0	1.5	1.0
Isolation at frequency spacing, dB	80	90	95	95
VSWR	1.22:1	1.22:1	1.22:1	1.22:1
Temperature °C	-40 to +60	-40 to +60	-40 to +60	-40 to +60

Mechanical Specifications	66-13-36HE		66-40-36HE	
Cavity Size, in (H x W X D)	4 x 3 x 6.5		4 x 3 x 4.5	
Maximum length, in (H x W X D)	19 x 5.5 x 12 (3 Rack Units)		19 x 5.5 x 8 (3 Rack Units)	
Mounting	19 inch rack mount		19 inch rack mount	

