

66-FF-44RE Base Station Duplexer

These Comprod base station duplexers use four 4" x 4" 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. A six and 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	66-13-44RE	66-40-44RE
Frequency Range, MHz	138-174	406-512
Frequency Spacing, KHz	500	500
Continuous Power Inputs, Watts	350	350
Connectors	N Female	N Female
Insertion Loss, dB	1.5	1.5
Isolation at minimum spacing	70	75
VSWR	1.22:1	1.22:1
Temperature °C	-40 to +60	-40 to +60

Mechanical Specifications	66-13-44RE	66-40-44RE
Cavity Size, in (H x W X D)	4 x 4 x 10	4 x 4 x 8
Maximum length, in (H x W X D)	19 x 5.2 x 14 (3 Rack Units)	19 x 5.2 x 12 (3 Rack Units)
Mounting	19 inch rack mount	19 inch rack mount

