

### VHF Re-Entrant Base Station Duplexers

These Comprod base station duplexers use four or six cavities. They are ideal for compact high-performance applications. They are designed to cover the VHF frequency band. 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	66-13-44-RE	66-13-46-RE
Frequency Range, MHz	138-174	138-174
Frequency Spacing	500 kHz	500 kHz
Continuous Power Inputs, Watts	350	350
Connectors	N Female	N Female
Number of Cavities	4	6
Insertion Loss, dB	1.5	1.5
Isolation at minimum spacing	70	90
VSWR	1.22:1	1.22:1
Temperature °C	-40 to +60	-40 to +60
Mechanical Specifications	66-13-44-RE	66-13-46-RE
Cavity Size, in (H x W x D)	4 x 4 x 10	4 x 4 x 10
Maximum length, in (H x W x D)	5.2 x 19 x 14 (3 Rack Units)	10 x 19 x 14 (6 Rack Units)
Mounting	19-inch rack mount	19-inch rack mount

