

UHF 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 UHF 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 | 66-40-34-RE | 66-40-36-RE |
|--------------------------------|------------------------------|------------------------------|
| Frequency Range, MHz | 406-512 | 406-512 |
| Frequency Spacing | 5 MHz | 5 MHz |
| Continuous Power Inputs, Watts | 350 | 350 |
| Connectors | N Female | N Female |
| Number of Cavities | 4 | 6 |
| Insertion Loss, dB | 0.8 | 0.8 |
| Isolation at minimum spacing | 75 | 85 |
| VSWR | 1.22:1 | 1.22:1 |
| Temperature °C | -40 to +60 | -40 to +60 |
| Mechanical Specifications | 66-40-34-RE | 66-40-36-RE |
| Cavity Size, in (H x W x D) | 4 x 3 x 6 | 4 x 3 x 6 |
| Maximum length, in (H x W x D) | 5.2 x 19 x 12 (3 Rack Units) | 6.5 x 19 x 12 (4 Rack Units) |
| Mounting | 19-inch rack mount | 19-inch rack mount |

