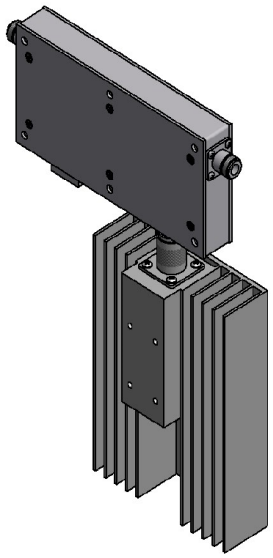
LOW POWER DUAL ISOLATORS

22-FF-PP

Comprod Inc. Isolators are among the best in the industry for blocking the transfer of RF power flow in the opposite direction. Low to medium power and total reliability are two of the characteristics of these isolators. Used for intermodulation panels, protecting your transmitters from reflected power, and providing extra isolation are just a few of the possible applications. These isolators can be combined with a variety of loads, 5/25/60/100/150/250 watt combinations, and combined with second harmonic filters for Hybrid Combiners (HTCs).



- **High Isolation**
  - Minimizes intermodulation products
- **Low loss**
  - Maximizes system performance
- **Continuous Power**
  - Physical size and materials used maximize the performance across the operating band

Electrical Specifications	22-13-XX	22-40-XX	22-80-XX
Frequency Range, MHz	138-174	406-512	746-960
Frequency Split, MHz	30	24	24
Bandwidth	2.5% Cent. Freq.	1% Cent. Freq.	2.5% Cent. Freq.
Continuous Power Input, Watts	100	100	100
Connectors	N Female	N Female	N Female
Output Load Size	5/25/60/100/150	5/25/60/100/150	5/25/60/100/150
Reverse Isolation, dB	50	50	50
Typical Insertion Loss, dB	0.9	0.7	0.5
VSWR	1.22:1	1.22:1	1.22:1
Temperature ºC	-40 to +60	-40 to +60	-40 to +60

Mechanical Specifications	22-13-XX	22-40-XX	22-80-XX
Dimensions, in (H x W X D)	3.94 x 6.25 x 1.78	4.19 x 8.75 x 1.78	5.63 x 6.13 x 1.84
Weight, lbs	2.6	2.8	2.75
Mounting	Cavity / Plate / Cabinet / Rack Mount Are All Available		

Order Information	5 Watt Load	25 Watt Load	60 Watt Load	100 Watt Load	150 Watt Load
22-13-XX	22-13-05	22-13-25	22-13-60	22-13-100	22-13-150
22-40-XX	22-40-05	22-40-25	22-40-60	22-40-100	22-40-150
22-80-XX	22-80-05	22-80-25	22-80-60	22-80-100	22-80-150

XX = load size

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