

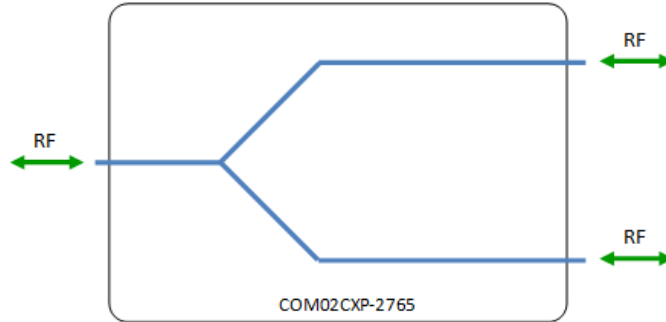


RF Components

# IP67 2-Way C-Band Passive Splitter/Combiner

## 5500 - 6000 MHz

Model Number:  
**COM02CXP-2765**



- IP 67 Rated\* weatherproof housing
- Reverse power 5W
- Forward power 20W

Available with RF connector options:

- 50  $\Omega$  N-type

# Passive

| RF Parameters   |                    |
|---|--------------------|
| COM02CXP-2765-XXXX  | N5N5               |
| Frequency Range   | 5500 - 6000 MHz    |
| RF Connectors   | 50 $\Omega$ N-Type |
| Mean Insertion Loss (dB)  | 0.3 $\pm$ 0.3      |
| Flatness $\pm$ (dB)   | $\pm$ 0.4          |
| Input Return Loss (dB)  | 19                 |
|   | 16                 |
| Output Return Loss (dB)   | 19                 |
|   | 16                 |
| Isolation (dB)  | 20                 |
| Amplitude Balance (dB)  | $\leq$ 0.3         |
| Phase Balance ( $\Phi$ )  | $\leq$ 3°          |
| <p>The given Insertion Loss specified is the loss above the theoretical limit for a lossless divider<br/>           10MHz Insertion Loss is up to 3dB above the theoretical loss*<br/>           10MHz Rejection is 20dB*<br/>           *To ports which are applicable</p> |                    |

### Broadcast



### Marine Oil & Gas



### SNG & VSAT



### Satellite Teleport





RF Components

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**COM02CXP-2765**

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### Technical specifications and operating parameters

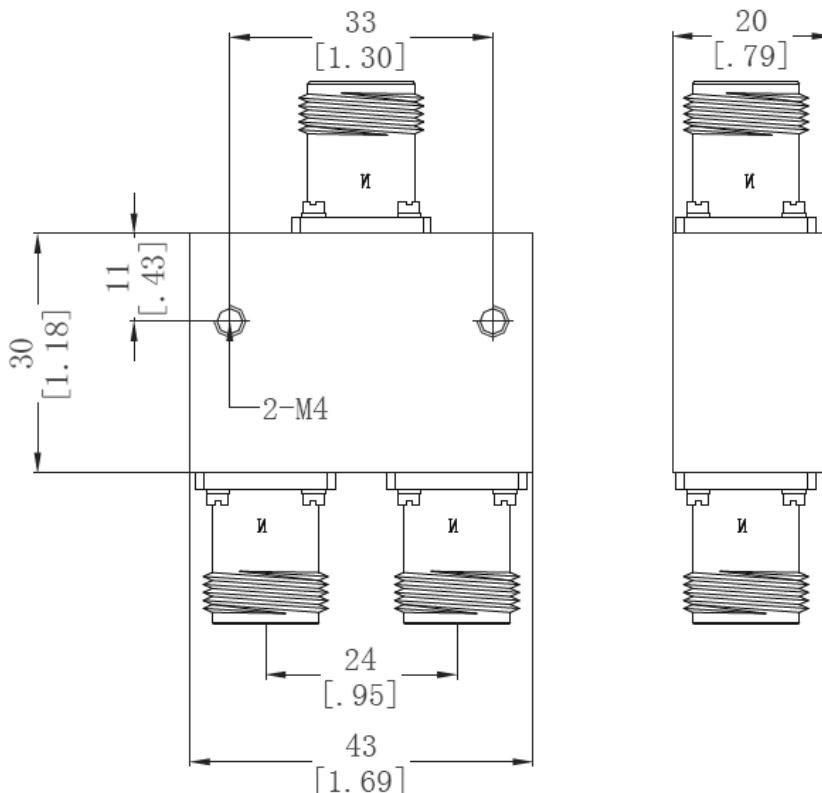
| Environmental         |     |                            |
|-----------------------|-----|----------------------------|
| Operating Temperature |     | -40°C to +70°C             |
| Storage Temperature   |     | -45°C to +75°C             |
| Location              |     | Indoor / Outdoor IP67* use |
| Humidity              | Max | 85% non-condensing         |
| Altitude              | Max | 10,000 feet                |

| Max Operating Parameters |   |
|--------------------------|---|
| Input RF Power           | +37dBm (5W) as combiner<br>+42dBm (20W) as splitter |
| DC Voltage               | N/A   |

\*IP67 integrity is maintained by populating all ports with sufficiently rated connectors and that unused ports have IP67 terminators or dust caps when awaiting connection. Dust caps are not sold with this product.

**!** Operation beyond these limits may cause instantaneous and permanent damage.

### Physical Dimensions (mm)



Note: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved specification accuracy.

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