

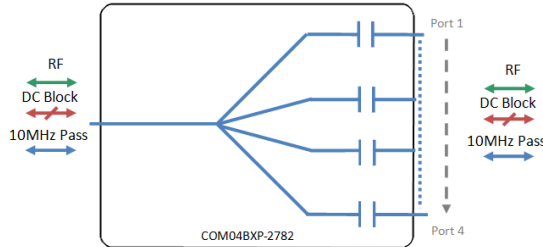


Model Number:  
**COM04BXP-2782**

RF Components

# 4-Way Broadband Passive Splitter/Combiner

**1 - 3000 MHz**



- 10MHz Pass
- DC Blocked

Available with RF connector options:

- 50 Ω SMA
- 50 Ω N-type
- 50 Ω BNC



**1 - 3000 MHz**  
Operating frequency range.



**Compact**  
Housed in rugged compact enclosure



**Flexible Mounting**  
Tapped screw & through hole mounting options

| RF Parameters                  |      |              |            |         |
|--------------------------------|------|--------------|------------|---------|
| COM04BXP-2782                  |      | S5S5         | N5N5       | B5B5    |
| Frequency Range                |      | 1 - 3000 MHz |            |         |
| RF Connectors                  |      | 50Ω SMA      | 50Ω N-Type | 50Ω BNC |
| Insertion Loss (dB)*           |      | 7±1          | 7±1        | 7±1     |
| Flatness ± (dB)                |      | ±0.5         | ±0.5       | ±0.5    |
| Input Return Loss (dB)         | Typ. | 24           | 24         | 24      |
|                                | Min  | 18           | 18         | 18      |
| Output Return Loss (dB)        | Typ. | 24           | 24         | 24      |
|                                | Min  | 18           | 18         | 18      |
| Isolation (dB)                 | Typ. | 12           | 12         | 12      |
| Amplitude Balance (dB)         |      | ≤ 0.5        | ≤ 0.5      | ≤ 0.5   |
| Phase Balance (Φ)              |      | ≤ 20°        | ≤ 20°      | ≤ 20°   |
| Above theoretical Loss *       |      |              |            |         |
| *To ports which are applicable |      |              |            |         |

## Broadcast



## Marine Oil & Gas



## SNG & VSAT



## Satellite Teleport





RF Components

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4-Way Broadband Passive Splitter/combiner

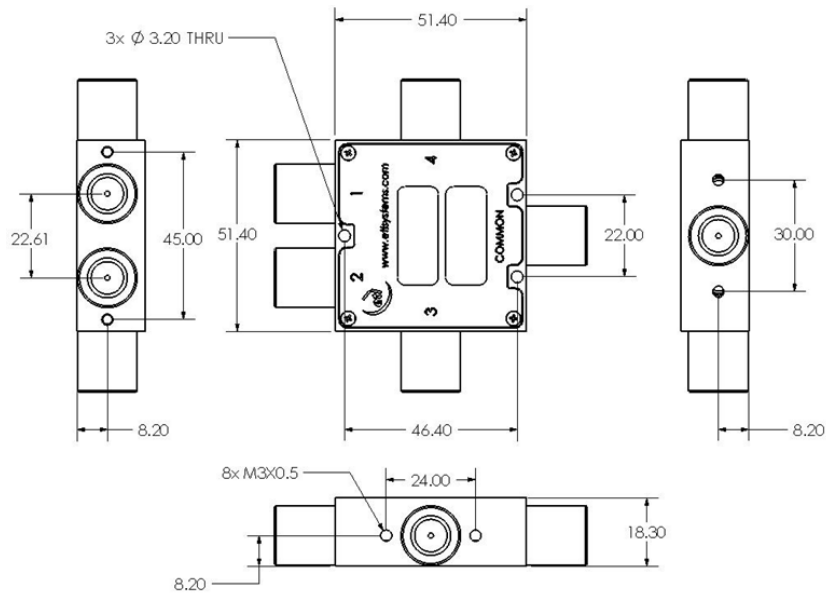
**Technical specifications and operating parameters**

| Environmental         |                        |
|-----------------------|------------------------|
| Operating Temperature | 0°C to +45°C           |
| Storage Temperature   | -20°C to +75°C         |
| Location              | Indoor use Only        |
| Humidity              | Max 85% non-condensing |
| Altitude              | Max 10,000 feet        |

| Max Operating Parameters |                    |
|--------------------------|--------------------|
| Input RF Power           | +21 dBm (63mW)     |
| DC Voltage               | 35V on any RF port |
| DC Current               | Max n/a            |

**!** 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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