

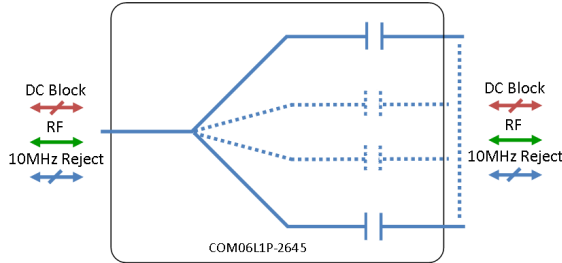


RF Components

Model Number:
COM06L1P-2645

6-Way L-Band Passive Splitter/Combiner

850 - 2150 MHz



- All RF ports DC blocked

Available with RF connector options:

- 50 Ω SMA
- 50 Ω N-type
- 50 Ω BNC
- 75 Ω BNC
- 75 Ω F-type.



850-2150 MHz
Operating frequency range. L-Band ready



Compact
Housed in rugged compact enclosure



Flexible Mounting
Tapped screw & through hole mounting options

Passive

RF Parameters						
COM06L1P-2645-XXXX		S5S5	N5N5	B5B5	B7B7	F7F7
Frequency Range		850-2150 MHz				
RF Connectors		50Ω SMA	50Ω N-Type	50Ω BNC	75Ω BNC	75Ω F-Type
Insertion Loss (dB)	Typ.	1.0	1.0	1.3	1.5	1.5
	Max	1.5	1.5	1.8	2.0	2.0
Flatness ± (dB)		0.5	0.5	0.6	1.0	1.0
Input Return Loss (dB)	Typ.	15	15	13	10	10
	Min	12	12	12	8	8
Output Return Loss (dB)	Typ.	18	18	15	12	12
	Min	12	12	10	8	8
Isolation (dB)	Typ.	20	20	20	20	20
Amplitude Balance (dB)		≤0.5	≤0.5	≤0.5	≤1.0	≤1.0
Phase Balance (Φ)		≤3°	≤4°	≤4°	≤10°	≤10°

The given Insertion Loss specified is the loss above the theoretical limit for a lossless divider (7.8dB)
10MHz Rejection is 20dB*
*To ports which are applicable

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport



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	+37 dBm (5W) as splitter
Input RF Power	+33 dBm (2W) as combiner
DC Voltage	35V on any RF port
DC Current	2A Max total

! 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.