



RF Components

Model Number:
COM08S1P-278002

8-Way Passive Audio/Video Signal Splitter

ASI, SD-SDI, ED-SDI, HD-SDI, 3G-SDI Compatible

- All ports 10MHz & DC Pass
- Available with RF connector options:
 - 75 Ω BNC



Flexible Mounting
Tapped screw & through hole mounting options



Compact
Housed in rugged compact enclosure

*Picture for illustration purpose only.

Passive

RF Parameters	
COM08S1P-278002-XXXX	B7B7
Frequency Range	850-2150 MHz
Compatibility	ASI, SD-SDI, ED-SDI, HD-SDI, 3G-SDI
RF Connectors	75Ω BNC
Insertion Loss (dB)	Typ. 1.8
	Max 3.0
Flatness ± (dB)	Typ. 1.25
Input Return Loss (dB)	Typ. 15
	Min 10
Output Return Loss (dB)	Typ. 15
	Min 10
Isolation (dB)	21
Amplitude Balance (dB)	≤0.5
Phase Balance (Φ)	≤5°
The given Insertion Loss specified is the loss above the theoretical limit for a lossless divider 10MHz Insertion Loss is up to 3dB above the theoretical loss* *To ports which are applicable	

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport



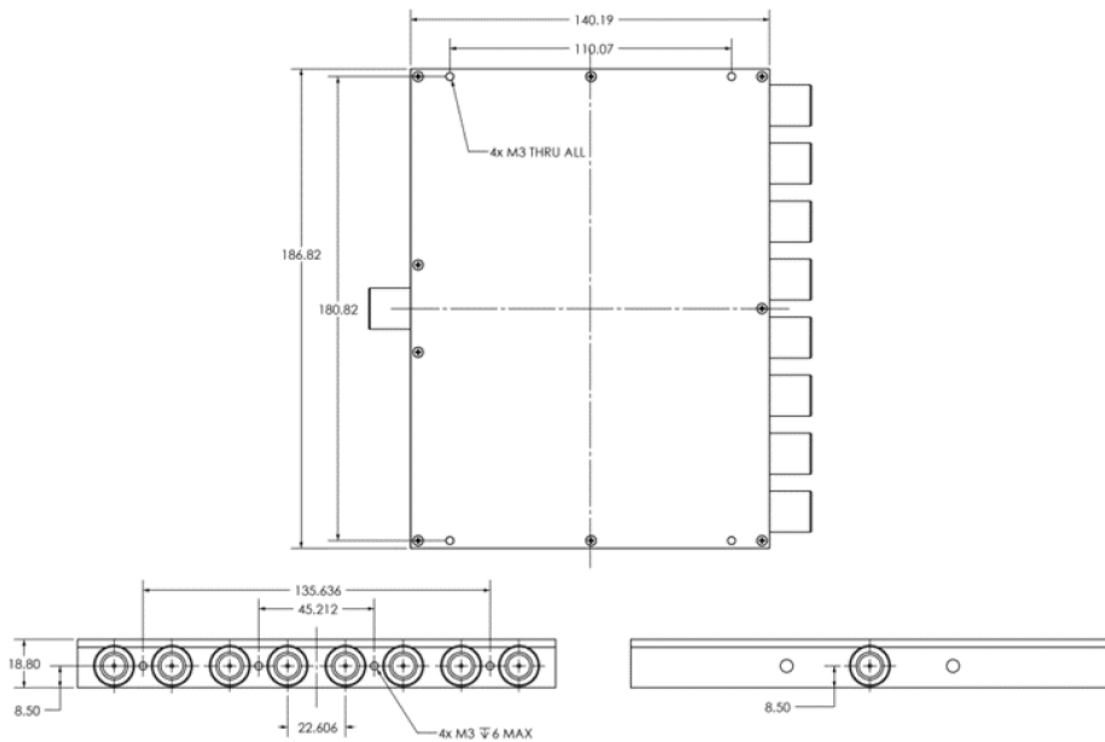
Technical specifications and operating parameters

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	+27dBm (500mW) as splitter
DC Voltage	35V on any RF port
DC Current	500mA
DC Consumption	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.