

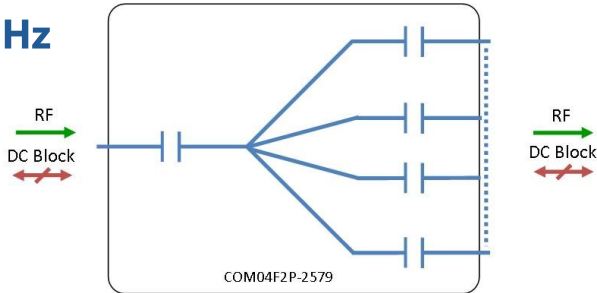


Model Number:
COM04F2P-2579

RF Components

4-Way IF-Band Passive Splitter/Combiner

10 - 200 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.



10 - 200 MHz

Operating frequency range. IF-Band ready



Compact

Housed in rugged compact enclosure



Flexible Mounting

Tapped screw & through hole mounting options

RF Parameters						
COM04F2P-2579-XXXX	S5S5	N5N5	B5B5	B7B7	F7F7	
Frequency Range	10 - 200 MHz					
RF Connectors	50Ω SMA	50Ω N-Type	50Ω BNC	75Ω BNC	75Ω F-Type	
Insertion Loss (dB)	Typ.	1.0	1.0	1.0	1.5	1.5
	Max.	2.0	2.0	2.0	2.5	2.5
Flatness ± (dB)	0.25	0.25	0.25	0.3	0.3	
Input Return Loss (dB)	Typ.	18	18	18	15	15
	Min	12	12	12	10	10
Output Return Loss (dB)	Typ.	18	18	18	15	15
	Min	12	12	12	10	10
Isolation (dB)	Typ.	22	22	22	20	20
Amplitude Balance (dB)	≤0.3	≤0.3	≤0.3	≤0.8	≤0.8	
Phase Balance (Φ)	≤0.5°	≤0.5°	≤0.5°	≤1°	≤1°	

The given Insertion Loss specified is the loss above the theoretical limit for a lossless divider . For a 4-way splitter the theoretical value is 6dB.
10MHz Insertion Loss is up to 3dB above the theoretical loss*
*To ports which are applicable

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport



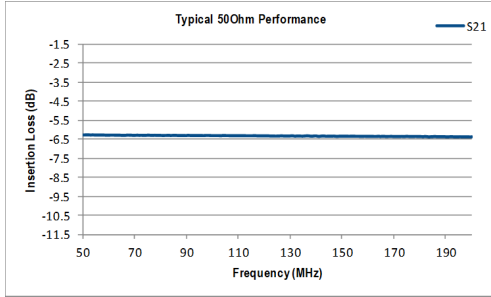


RF Components

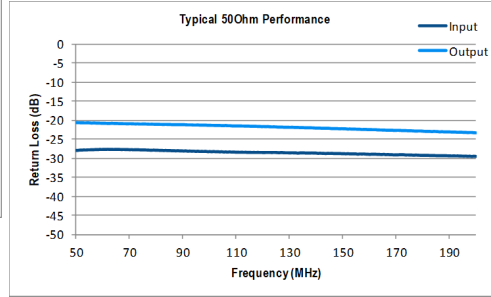
Model Number:
COM04F2P-2579

4-Way IF-Band Passive Splitter/Combiner

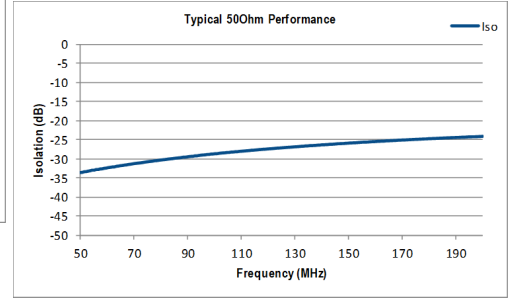
Technical specifications and operating parameters



Insertion Loss (dB)



Return Loss (dB)



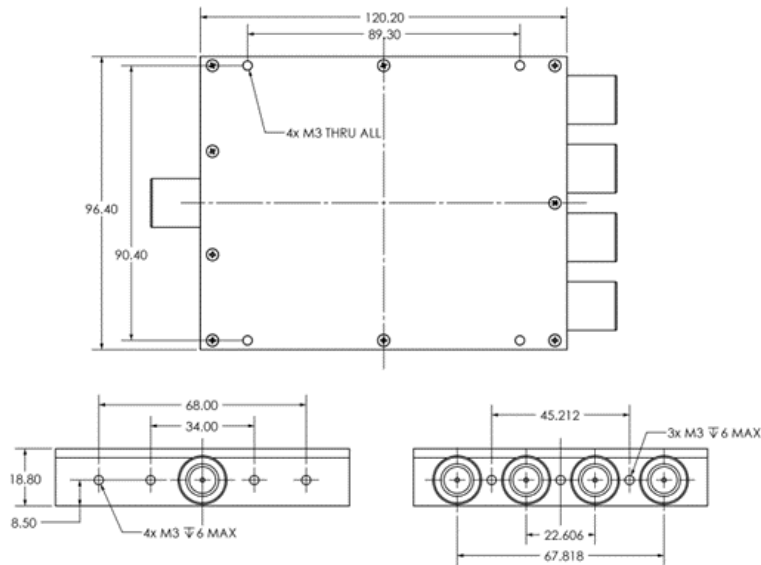
Isolation (dB)

Environmental	
Operating Temperature	-40°C to +65°C
Storage Temperature	-50°C to +75°C
Location	Indoor use Only
Humidity	Max. 85% non-condensing
Altitude	Max. 10,000 feet

Max Operating Parameters	
Input RF Power	+27 dBm (0.5W)
DC Voltage	50V on any RF port

! 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.

ETL SYSTEMS LIMITED
Coldwell Radio Station
Madley
Hereford
England HR2 9NE

TELEPHONE
+44 (0)1981 259020

EMAIL
info@etlsystems.com

FACSIMILE
+44 (0)1981 259021

WEB
www.etlsystems.com

