

# RF ACTIVE SPLITTERS & COMBINERS

Frequency ranges from DC to 8 GHz

ETL Systems provides a versatile range of active splitters and combiners, supporting frequencies from L-band, IF, S-band, C-band, KU-band, and Wideband. Available in configurations from 2-way to 16-way, they come with 50Ω or 75Ω impedance and various connector types.

ETL's active splitters and combiners feature integrated voltage regulators, ensuring protection against supply rail fluctuations for reliable performance. They are powered via external or inline DC bias, with a typical input voltage range of 8–18V, depending on the product. Additionally, these components offer the flexibility to pass or block a 10 MHz signal or DC voltage, enabling seamless power delivery to interconnected components or frequency reference transmission to devices like LNBs or BUCs.

## Benefits & Applications

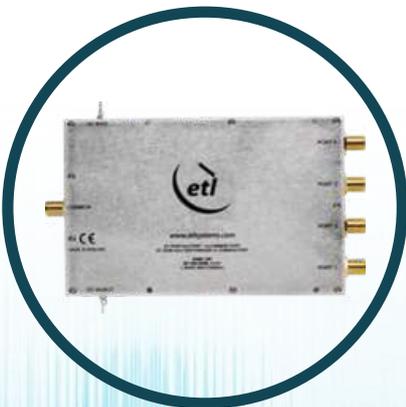
- Ability to pass/block 10MHz and/or DC.
- External or in-line DC bias.
- High linearity.
- Very low amplitude unbalance.
- Stable performance over temperature.
- Indoor (IDU) & Outdoor (ODU) housing.



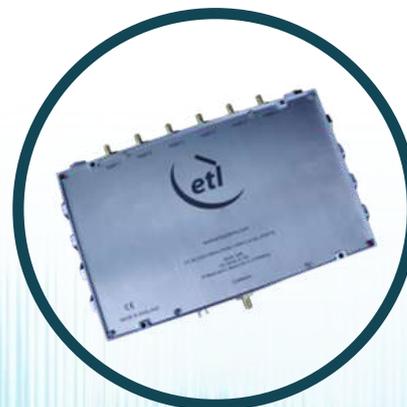
2-Way



3-Way



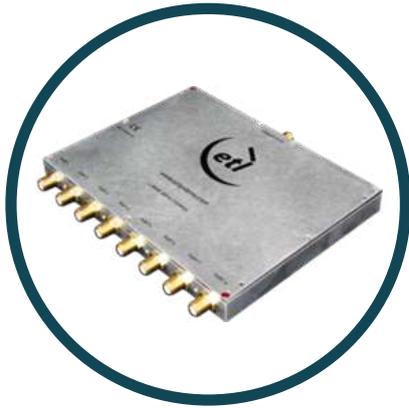
4-Way



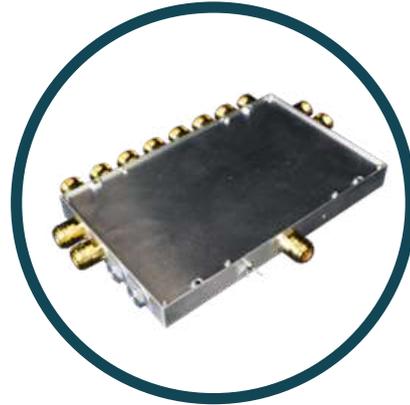
6-Way



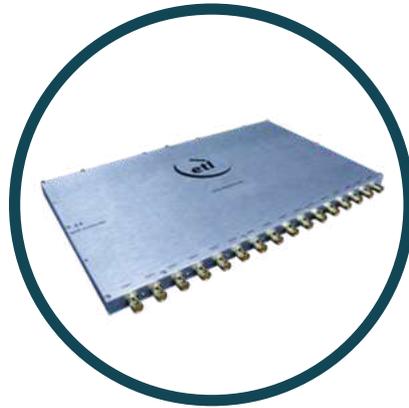
# RF ACTIVE SPLITTERS & COMBINERS



8-Way



12-Way



16-Way

2-Way Active Splitters & Combiners Product List

Model Number	RF Connectors	Frequency Range	Type	Input Power Rating
DIV02L1A-2301	S5, N5, F7	850 - 2150 Mhz	Splitter	+21 dBm (125mW)
DIV02L1A-2340	N5	850 - 2150 Mhz	Splitter	+21 dBm (125mW)
DIV02L1A-2372	S5, F7	850 - 2150 Mhz	Splitter	+16 dBm (40mW)
DIV02L1A-2369	S5, N5, B5, B7, F7	850 - 2150 Mhz	Splitter	+21 dBm (125mW)
DIV02L1A-2390	S5, N5, B5, B7, F7	850 - 2150 Mhz	Splitter	+16 dBm (40mW)
DIV02F1A-2401	N5, N5/1, B5	50 - 2800 Mhz	Splitter	+21 dBm (125mW)
DIV02B2A-2402	S5, N5, B5, B7, F7, F7/1	50 - 2150 Mhz	Splitter	+21 dBm (125mW)
DIV02L1A-2420	N5, B5, F7	850 - 2150 Mhz	Splitter	+21 dBm (125mW)
DIV02L1A-2423	B5, F7	850 - 2150 Mhz	Splitter	+18 dBm (63mW)
DIV02L1A-2425	N5	850 - 2150 Mhz	Splitter	+16 dBm (40mW)
DIV02L1A-2374	N5	850 - 2150 Mhz	Splitter	+16 dBm (40mW)
DIV02L1A-2432	S5, B5	850 - 2150 Mhz	Splitter	+16 dBm (40mW)
COM02L1A-2271	S5, N5, B7, F7	850 - 2150 Mhz	Combiner	+21 dBm (125mW)
COM02L1A-2254	S5, N5, B5, F7	850 - 2150 Mhz	Combiner	+20 dBm (100mW)
COM02L1A-2201	N5, B5, B7, F7	850 - 2150 Mhz	Combiner	+16 dBm (40mW)
COM02F1A-2101	S5, N5, B5	50 - 2800 Mhz	Combiner	+24 dBm (250mW)
COM02L1A-2202	S5, N5	850 - 2150 Mhz	Combiner	+24 dBm (250mW)
COM02B2A-2102	S5, N5, B5, F7	50 - 2150 Mhz	Combiner	+24 dBm (250mW)



## 3-Way Active Splitters & Combiners Product List

Model Number	RF Connectors	Frequency Range	Type	Input Power Rating
DIV03F1A-2403	S5, B5	50 - 2800 Mhz	Splitter	+21 dBm (125mW)
COM03F1A-2103	N5	50 - 2800 Mhz	Combiner	+16 dBm (40mW)

## 4-Way Active Splitters & Combiners Product List

Model Number	RF Connectors	Frequency Range	Type	Input Power Rating
DIV04L1A-2304	S5, N5, F7	850 - 2150 Mhz	Splitter	+16 dBm (40mW)
DIV04S2A-2314	S5, N5	850 - 2500 Mhz	Splitter	+16 dBm (40mW)
DIV04L1A-2322	S5, N5, B7, F7	850 - 2150 Mhz	Splitter	+21 dBm (125mW)
DIV04L1A-2343	S5, N5	850 - 2150 Mhz	Splitter	+16 dBm (40mW)
DIV04L1A-2346	N5, B5	850 - 2150 Mhz	Splitter	+16 dBm (40mW)
DIV04L1A-2351	S5, N5, F7	850 - 2150 Mhz	Splitter	+16 dBm (40mW)
DIV04L1A-2370	S5, N5, B5, F7	850 - 2150 Mhz	Splitter	+16 dBm (40mW)
DIVC1A-2380	S5	3400 - 4200 MHz	Splitter	+16 dBm (40mW)
DIV04L1A-2383	B7, F7	850 - 2150 Mhz	Splitter	+21 dBm (125mW)
DIV04L1A-2385	S5, N5, F7	850 - 2150 Mhz	Splitter	+16 dBm (40mW)
DIV04F1A-2405	S5, N5, B5	50 - 3150 MHz	Splitter	+21 dBm (125mW)
DIV04B2A-2406	S5	50 - 2150 MHz	Splitter	+25 dBm (316mW)
DIV04L1A-2400	S5, N5, N5/1, B5, B7, F7, F7/1	850 - 2150 MHz	Splitter	+21 dBm (125mW)
DIV04FSA-2426	S5, B5, B7	10 - 200 MHz	Splitter	+21 dBm (125mW)
DIV04L1A-2436	S5, F7	850 - 2150 MHz	Splitter	+16 dBm (40mW)
DIV04L1A-2440	S5, N5, F7	850 - 2150 MHz	Splitter	+21 dBm (125mW)
DIV04L1A-2442	S5, N5, F7	850 - 2150 MHz	Splitter	+16 dBm (40mW)
DIV04L1A-2444	N5, B7, F7	850 - 2150 MHz	Splitter	+16 dBm (40mW)
DIV04S2A-2314	S5, N5	850 - 2150 MHz	Splitter	+16 dBm (40mW)
COM04L1A-2275	N5	850 - 2150 MHz	Combiner	+21 dBm (125mW)
COM04L1A-2270	S5, S5/1, N5, N5/1, B5, F7	850 - 2150 MHz	Combiner	+21 dBm (125mW)
COM04L1A-2252	S5, N5, B5, F7	850 - 2150 MHz	Combiner	+21 dBm (125mW)
COM04L1A-2274	S5, N5, F7	850 - 2150 MHz	Combiner	c
COM04L1A-2255	S5, N5, F7	850 - 2150 MHz	Combiner	+23 dBm (200mW)
COM04S2A-2264	S5	850 - 2500 MHz	Combiner	+21 dBm (125mW)
COM04F1A-2105	S5, N5, B5, B5/1	50 - 2800 MHz	Combiner	+27 dBm (500mW)
COM04L1A-2204	S5, N5, N5/1, F7	850 - 2150 MHz	Combiner	+24 dBm (125mW)
COM04B2A-2106	S5, N5, B7	50 - 2150 MHz	Combiner	+27 dBm (500mW)



## 8-Way Active Splitters & Combiners Product List

Model Number	RF Connectors	Frequency Range	Type	Input Power Rating
DIV08L1A-2308	S5, N5, B5, F7	850 - 2150 MHz	Splitter	+16 dBm (40mW)
DIV08L1A-2320	S5, N5	850 - 2150 MHz	Splitter	+16 dBm (40mW)
DIV08F6A-2333	S5, B5, B7	10 - 1000 MHz	Splitter	+16 dBm (40mW)
DIV08L1A-2334	S5, N5, F7	850 - 2150 MHz	Splitter	+16 dBm (40mW)
DIV08F3A-2335	B5	20 - 200 MHz	Splitter	+16 dBm (40mW)
DIV08S2A-2416	S5, N5	850 - 2500 MHz	Splitter	+21 dBm (125mW)
DIV08L1A-2376	N5, B7, F7	850 - 2150 MHz	Splitter	+16 dBm (40mW)
DIV08C1A-2377	S5, N5	3400 - 4200 MHz	Splitter	+16 dBm (40mW)
DIV08F1A-2409	S5, B5	50 - 2800 MHz	Splitter	+20 dBm (100mW)
DIV08L1A-2395	N5, B7, F7	850 - 2150 MHz	Splitter	+16 dBm (40mW)
DIV08L1A-2397	N5	850 - 2150 MHz	Splitter	+20 dBm (100mW)
DIV08L1A-2398	S5	850 - 2150 MHz	Splitter	+16 dBm (40mW)
DIV08L1A-2419	S5, N5, B7	850 - 2150 MHz	Splitter	+21 dBm (125mW)
DIV08L1A-2443	S5, N5, F7	850 - 2150 MHz	Splitter	+16 dBm (40mW)
DIV08L1A-2448	F7	850 - 2150 MHz	Splitter	+16 dBm (40mW)
DIV08L1A-2460	F7	850 - 2150 MHz	Splitter	+20 dBm (100mW)
DIV08L1A-2462	N5, F7	850 - 2150 MHz	Splitter	+16 dBm (40mW)
COM08L1A-2235	S5, N5	850 - 2150 MHz	Combiner	+21 dBm (125mW)
COM08L1A-2246	N5, F7	850 - 2150 MHz	Combiner	+24 dBm (240mW)
COM08L1A-2245	N5	850 - 2150 MHz	Combiner	+24 dBm (240mW)
COM08L1A-2247	S5, N5	850 - 2150 MHz	Combiner	+21 dBm (125mW)
COM08L1A-2266	S5, N5, B5, B7, F7	850 - 2150 MHz	Combiner	+21 dBm (125mW)
COM08L1A-2236	N5, F7	850 - 2150 MHz	Combiner	+24 dBm (240mW)
COM08L1A-2208	N5, B5	850 - 2150 MHz	Combiner	+21 dBm (125mW)

## 12-Way Active Splitters & Combiners Product List

Model Number	RF Connectors	Frequency Range	Type	Input Power Rating
DIV12F5A-2450	B5	10 MHz	Splitter	+13 dBm (19mW)

## 16-Way Active Splitters & Combiners Product List

Model Number	RF Connectors	Frequency Range	Type	Input Power Rating
DIV16F3A-2361	B5	20 - 200 MHz	Splitter	+18 dBm (63mW)
COM16L1A-2273	S5, N5, F7	850 - 2150 MHz	Combiner	+20 dBm (100mW)
COM16L1A-2227	S5, N5	850 - 2150 MHz	Combiner	+24 dBm (240mW)
COM16L1A-2223	N5	850 - 2150 MHz	Combiner	+24 dBm (240mW)
COM16F3A-2241	B5	20 -200 MHz	Combiner	+24 dBm (240mW)

Note 1: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.

Note 2: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.