

RF PASSIVE SPLITTERS & COMBINERS

Frequency ranges from DC to 51.4 GHz

ETL Systems provides a versatile range of passive 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 passive splitters and combiners are engineered for low insertion loss and stable performance across varying temperatures, ensuring consistent operation. Like the active models, they offer the capability to pass or block 10 MHz signals or DC voltage, enhancing system versatility and compatibility with a wide range of applications.

Benefits & Applications

- Ability to pass/block 10MHz and/or DC
- Low insertion loss
- Very low amplitude unbalance
- Stable performance over temperature
- Indoor (IDU) & Outdoor (ODU) housing



2-Way



3-Way



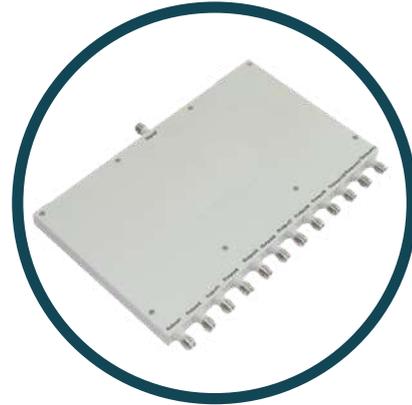
4-Way



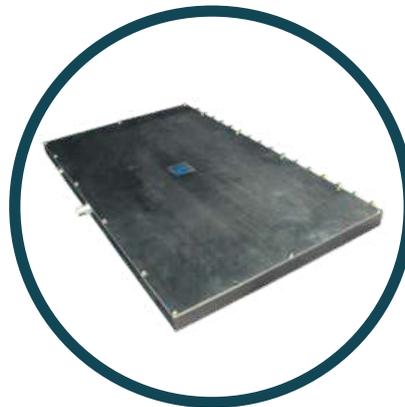
6-Way



8-Way



12-Way



16-Way

2-Way Passive Splitter / Combiner Product List

Model Number	RF Connectors	Frequency Range	Input Power Rating
COM02L1P-2502	S5, N5, B5, B7, F7	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
ODU-2502	S5, N5	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM02L1P-2501	S5, N5, B5, B7, F7	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM02L1P-2505	S5, N5, B7, F7	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM02S1P-2506	S5, N5	500 - 2750 MHz	+27dBm (500mW) as splitter;+21dBm (125mW) as combiner
COM02S1P-2507	S5, N5, B5, B7, F7	500 - 2750 MHz	+27dBm (500mW) as splitter;+21dBm(125mW) as combiner
COM02S1P-2599	N5	500 - 2750 MHz	+27dBm (500mW) as splitter;+21dBm(125mW) as combiner
COM02L1P-2541	S5, N5, B5, F7	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM02L1P-2542	S5, N5	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM02L1P-2543	S5, N5, B5, B7, F7	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
ODU-2543	S5, N5	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM02C1P-2547	S5, N5	3000 - 4000 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM02C2P-2548	S5, N5	5000 - 6000 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM02C3P-2549	S5, N5	3000 - 6000 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM02C3P-2616	S5, N5	3000 - 6000 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM02F2P-2557	B5, B7	50 - 200 MHz	+27 dBm (500mW) as splitter;+18 dBm (63mW) as combiner
COM02F2P-2561	S5, N5, B5, B7, F7	50 - 200 MHz	+27 dBm (500mW) as splitter;+18 dBm (63mW) as combiner



2-Way Passive Splitter / Combiner Product List

Model Number	RF Connectors	Frequency Range	Input Power Rating
COM02F2P-2604	S5, N5, B5, B7, F7	50 - 200 MHz	+27 dBm (500mW) as splitter;+18 dBm (63mW) as combiner
COM02L1P-2562	S5, N5, F7	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM02B3P-2598	S5, N5, B5	10 - 3000 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM02L1P-2603	S5, N5, B5, B7, F7	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
ODU-2603	S5, N5	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM02L1P-2606	S5, N5, B5, B7, F7	850 - 2450 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
ODU-2606	S5, N5	850 - 2450 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM02C5P-2608	S5, N5	850 - 4200 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM02C5P-2609	S5, N5	850 - 4200 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM02B4P-2612	B5	500 - 2500 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM02L1P-2618	N5	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM02F4P-2625	S5, N5	50 - 1000 MHz	+27 dBm (500mW) as splitter;+18 dBm (63mW) as combiner
COM02F4P-2629	N5	50 - 1000 MHz	+27 dBm (500mW) as splitter;+18 dBm (63mW) as combiner
COM02L1P-2638	F7	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM02C6P-2640	N5	5400 - 6800 MHz	+33 dBm (2W) as Splitter;+30 dBm (1W) as Combiner
COM02L1P-2756	N5	850 - 2450 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
ODU-2756	N5	850 - 2450 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM02L1P-2762	S5, N5, B5, B7, F7	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM02S1P-278000	B7	500 - 2750 MHz	+27dBm (500mW)
COM02L1P-279027	N5	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM02L1P-279031	N5	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM02KXP-279072	S5	10000 - 15000 MHz	TBC

3-Way Passive Splitter / Combiner Product List

Model Number	RF Connectors	Frequency Range	Input Power Rating
COM03L1P-2528	S5, N5, B5, F7	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM03L1P-2555	N5, B7, F7	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM03L1P-2573	S5, N5, B5, B7	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM03L1P-2590	S5, N5, B5, B7, F7	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM03L1P-2602	S5, N5	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM03L1P-2722	S5, F7	850 - 2150 MHz	+27dBm (500mW)
COM03L1P-2780	S5, N5, F7	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner

4-Way Passive Splitter / Combiner Product List

Model Number	RF Connectors	Frequency Range	Input Power Rating
COM04L1P-2504	S5, N5, B5, B7, F7	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
ODU-2504	N5	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM04L1P-2520	S5, N5, F7	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM04L1P-2524	S5, N5, F7	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner



4-Way Passive Splitter / Combiner Product List

Model Number	RF Connectors	Frequency Range	Input Power Rating
COM04L1P-2525	S5, N5, B5, B7, F7	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM04L1P-2532	S5, N5, B7	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM04L1P-2534	S5, N5, B5, B7, F7	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
ODU-2534	S5, N5	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM04F4P-2537	S5, N5, B5, B7, F7	50 - 1000 MHz	+27dBm (500mW) as splitter;+21 dBm (125mW) as combiner
COM04L1P-2540	N5, F7	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM04F2P-2595	B5, B7	50 - 200 MHz	+27dBm (500mW) as splitter;+24dBm (250mW) as combiner
COM04F2P-2617	N5, B5, B7	50 - 200 MHz	+27dBm (500mW)
COM04C1P-2550	S5, N5	3000 - 4000 MHz	+37dBm (500mW)
COM04C2P-2551	S5	5900 - 6500 MHz	+37dBm (500mW)
COM04C3P-2552	S5, N5	3000 - 6000 MHz	+37dBm (500mW)
COM04C4P-2585	N5	2000 - 4200 MHz	+37dBm (500mW)
COM04C1P-2586	S5, N5	3000 - 4000 MHz	+37dBm (500mW)
COM04C2P-2587	N5	5000 - 6000 MHz	+37dBm (500mW)
COM04C3P-2588	S5, N5	3000 - 6000 MHz	+37dBm (500mW)
COM04L1P-2628	S5, N5, F7	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM04L1P-2563	S5, N5, B5, B7, F7	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
ODU-2563	N5	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM04S1P-2572	S5, N5	500 - 2750 MHz	+37dBm (500mW)
COM04S2P-2530	S5, N5	850 - 2500 MHz	+37 dBm (5W) As Splitter;+33 dBm (2W) As Combiner
COM04F2P-2579	S5, N5, B5, B7, F7	10 - 200 MHz	+27dBm (500mW)
COM04S1P-2583	S5, N5	500 - 2750 MHz	+37dBm (500mW)
COM04S2P-2584	S5, N5	850 - 2500 MHz	+37dBm (500mW)
COM04L1P-2594	S5, N5, B5, B7, F7	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM04L1P-2620	N5, F7	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM04L1P-2626	S5, N5, F7	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM04F5P-2630	S5, N5, B5, B7	10 - 200 MHz	+27dBm (500mW) as splitter;+21 dBm (125mW) as combiner
COM04C6P-2641	S5, N5	5400 - 6800 MHz	+37 dBm (5W) As Splitter;+33 dBm (2W) As Combiner
COM04C6P-2643	S5, N5	5800 - 6650 MHz	+37 dBm (5W) As Splitter;+33 dBm (2W) As Combiner
COM04B3P-2650	F7	10 - 3000 MHz	+37 dBm (5W) As Splitter;+33 dBm (2W) As Combiner
COM04B2P-2652	S5, B5	50 - 1600 MHz	+27 dBm (500mW) as splitter;+21 dBm (125mW) as combiner
COM04F5P-2748	N5, B5	10 - 200 MHz	+27dBm (500mW) as splitter;+24dBm (250mW) as combiner
COM04L1P-2763	N5, F7	850 - 2150 MHz	+27dBm (500mW)
COM04L1P-2779	N5	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM04BXP-2782	S5	1 - 3000 MHz	+21dBm (125mW)
COM04S1P-278001	B7	500 - 2500 MHz	+27dBm (500mW)
COM04KXP-279073	S5	10000 - 15000 MHz	TBC



RF PASSIVE SPLITTERS & COMBINERS

6-Way Passive Splitter / Combiner Product List

Model Number	RF Connectors	Frequency Range	Input Power Rating
COM06L1P-2527	S5, N5, B5, F7	850 - 2150 MHz	+37 dBm (5W) As Splitter;+33 dBm (2W) As Combiner
COM06L1P-2581	S5, N5, B5, F7	850 - 2150 MHz	+37 dBm (5W)
COM06L1P-2582	N5	850 - 2150 MHz	+37 dBm (5W)
COM06L1P-2610	S5, N5, B5	850 - 2150 MHz	+37 dBm (5W) As Splitter;+33 dBm (2W) As Combiner
COM06B4P-2613	S5, N5	500 - 2500 MHz	+30 dBm (1W)
COM06L1P-2645	F7	850 - 2150 MHz	+37 dBm (5W) As Splitter;+33 dBm (2W) As Combiner

8-Way Passive Splitter / Combiner Product List

Model Number	RF Connectors	Frequency Range	Input Power Rating
COM08L1P-2508	S5, N5, B5, B7, F7	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM08L1P-2529	S5, N5, B5, B7, F7	850 - 2150 MHz	+37 dBm (5W)
COM08L1P-2533	N5, F7	850 - 2150 MHz	+37 dBm (5W)
COM08F4P-2536	S5, N5, B5, B7	50 - 1000 MHz	+21 dBm (125mW)
COM08L1P-2544	S5, N5, F7	850 - 2150 MHz	+37 dBm (5W)
COM08C1P-2567	N5	3000 - 4000 MHz	+37 dBm (5W)
COM08L1P-2564	N5, F7	850 - 2150 MHz	+37 dBm (5W) As Splitter;+33 dBm (2W) As Combiner
COM08F5P-2580	S5, N5, B5	10 - 200 MHz	+27dBm (500mW)
COM08L1P-2591	N5, B5	850 - 2150 MHz	+37 dBm (5W) As Splitter;+33 dBm (2W) As Combiner
COM08S1P-2605	S5	700 - 2700 MHz	+16dBm (40mW)
COM08S1P-2624	S5, N5	500 - 2750 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM08L1P-2666	S5, B5, B7, F7	850 - 2150 MHz	+37dBm (5W) as splitter;+27dBm (0.5W) as combiner
COM08F5P-2749	N5, B5	10 -200 MHz	+27dBm (500mW) as splitter;+24dBm (250mW) as combiner
COM08L1P-2764	S5, N5	850 - 2150 MHz	+37 dBm (5W) As Splitter;+33 dBm (2W) As Combiner
COM08F4P-2767	N5, B5, B7, F7	50 - 1000 MHz	+27dBm (500mW) as splitter;+24dBm (250mW) as combiner
COM08L1P-2768	F7	850 - 2150 MHz	+37 dBm (5W)

12-Way Passive Splitter / Combiner Product List

Model Number	RF Connectors	Frequency Range	Input Power Rating
COM12L1P-2607	S5, N5, B5, B7, F7	850 - 2150 MHz	+37 dBm (5W)

16-Way Passive Splitter / Combiner Product List

Model Number	RF Connectors	Frequency Range	Input Power Rating
COM16L1P-2526	S5, N5	850 - 2150 MHz	+37 dBm (5W)
COM16L1P-2531	B7	850 - 2150 MHz	+37 dBm (5W)
COM16L1P-2614	N5	850 - 2150 MHz	+37 dBm (5W) As Splitter;+33 dBm (2W) As Combiner
COM16L1P-2558	N5, F7	850 - 2150 MHz	+37 dBm (5W) As Splitter;+33 dBm (2W) As Combiner
COM16F2P-2559	B5	50 - 200 MHz	+27dBm (500mW)
COM16L1P-2592	S5, N5	850 - 2150 MHz	+37 dBm (5W)
COM16L1P-2623	N5, B7	850 - 2150 MHz	+37 dBm (5W)
COM16S2P-2639	S5	850 - 2500 MHz	+37 dBm (5W)

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.