

SATELLITE SIGNAL SPLITTERS



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6



Fig. 7

2 GHz Satellite Splitters (Economy)

Retail Part No.	Bulk Part No.	Figure Number	Description	Plating	Frequency (MHz)	Insertion Loss(dB)	Isolation(dB)	Return Loss In(dB)	Return Loss Out(dB)
	SD-504-BU	1	4-way 5-2050 MHz	Nickel	5-2050	N/A	N/A	N/A	N/A
	SD-522-BU	2	2-way PP to all ports 5-2400 MHz	Nickel	5-40 40-1000 1000-2400	≤3.5 ≤4.5 ≤7.2	≥18 ≥28 ≥18	12 12 13	13 12 12
	SD-524-BU	3	4-way PP to all ports 40-2400 MHz	Nickel	5-40 40-1000 1000-2400	≤7.5 ≤8 ≤12.8	≥22 ≥27 ≥18	12 12 14	12 14 12

2 GHz Satellite Splitters 8-way (Economy)

Retail Part No.	Bulk Part No.	Figure Number	Description	Plating	Frequency(MHz)	Insertion Loss(dB)	Isolation(dB)min	Return Loss(dB)min
SD-528		4	8-way PP 5-2400 MHz	Nickel	0-5 5-47 47-1000 1000-1750 1750-2150 2150-2400	13.359 13.008 13.182 15.551 15-813 16.989	23.486 24.435 26.501 22.859 22.299 21.956	10 8 8 8 8 8

Note: PP=Power Passing

Satellite Taps

Retail Part No.	Bulk Part No.	Figure Number	Description	Plating	Frequency(MHz)	Insertion Loss(dB)max	Tap Loss (dB)	Isolation Out-Tap(dB)min	Isolation Tap-Tap(dB)min
	SD-542-BU	5	2-way	Nickel	5-40 40-950 950-2150 2150-2400	5.5 5.5 5.5 5.5	14±2.5 14±2.5 14±2.5 14±2.5	20 20 20 20	25 25 23 23
	SD-544-BU	5	4-way	Nickel	5-40 40-950 950-2150 2150-2400	7 7 7 7	12±2.5 12±2.5 12±2.5 12±2.5	20 20 20 20	25 25 23 23

Satellite Attenuator Pads

Retail Part No.	Bulk Part No.	Figure Number	Plating	Specifications
	SD-553-BU	6	Nickel	40-2400 MHz; 75Ω; Insertion Loss-3dB; Return Loss-20dB

"F" Coax Terminator

Retail Part No.	Bulk Part No.	Figure Number	Description	Quantity/ Retail Pack
32-436	32-436-BU	7	"F" Terminator 75 Ohm 1/2 Watt @ 5%	5

SATELLITE SIGNAL SPLITTERS (Cont.)

2.4 GHz Satellite Splitters (High End)

Applications:

Bandwidth of (5-2150MHz) ideally suited for satellite installation. Splits or combines signals on cable carrying both VHF/UHF signals (54-860MHz), cable signals (5-1000MHz), and/or satellite signals. All terminals use standard threaded "F" video connectors. Anti-corrosion gold plating and epoxy-sealed case provide the best resistance to the elements and signal transfer. Grounding block built in. Ideal for antenna systems requiring power for activation and use. All ports passive and include a weather cap.



Fig. 1



Fig. 2



Fig. 3



Fig. 4

2.4 GHz Satellite Splitters (High End)

Retail Part No.	Bulk Part No.	Figure Number	Description	Plating	Frequency Range(MHz)	Frequency (MHz)	Insertion Loss(dB)	Isolation(dB)	Return Loss(dB) In	Return Loss(dB) Out
32-3222	32-3222-BU	1	2-Way Splitter	Gold	5-2400 MHz	5-950 950-2150 2150-2400	6 7 7.2	8(5-40MHz) 18(40-2400MHz)	6 6 6	6 6 6
32-3233	32-3233-BU	2	3-Way Splitter	Gold	5-2400 MHz	5-950 950-2400	10 12.5	16(5-40MHz) 18(40-2400MHz)	6 6	6 6
32-3244	32-3244-BU	3	4-Way Splitter	Gold	5-2400 MHz	5-950 950-2400	10 12.8	16(5-40MHz) 18(40-2400MHz)	6 6	6 6
32-3288	32-3288-BU	4	8-Way Splitter	Gold	5-2400 MHz	5-40 40-1000 1000-2400	18 18 18	25	4.5 4.5 4.5	8 8 8

CABLE SPLITTERS



Fig. 5

Cable Splitters

Retail Part No.	Bulk Part No.	Figure Number	Description	Plating	Frequency(MHz)	Insertion Loss(dB)min	Isolation dB	Return Loss (dB)min In	Return Loss (dB)min Out
	SD-572-BU	5	2-way DC Passive; 75Ω	Nickel	5-10 10-20 20-400 400-500 500-600 600-1000	3.5 3.5 3.6 3.9 3.9 4.4	20 25 24 24 23 20	15 18 20 18 17 15	15 18 20 18 17 15