

SATELLITE SIGNAL SPLITTERS

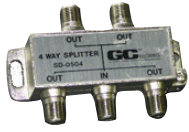


Fig. 1



Fig. 2



~~Fig. 3~~



Fig. 4



Fig. 5

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

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		2	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	3	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	3	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	4	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	5	"F" Terminator 75 Ohm 1/2 Watt @ 5%	5

AUDIO/VIDEO



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

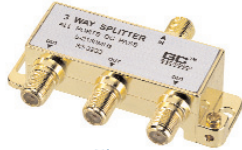


Fig. 2

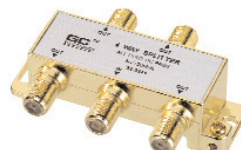


Fig. 3



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



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	

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All quantities are single; BU's are packages of 10 Unless otherwise noted.

CABLE SPLITTERS (Cont.)

DC Passive/Blocking Splitters

Applications:

Splits one inbound 75 Ohm video signal to multiple 75 Ohm video outlets. All Terminals use standard threaded "F" video connectors. Anti-Corrosion plating and sealed case resist the elements. These splitters feature a "built-in" ground block. Ideal for antenna systems that require power activation.



Fig. 1

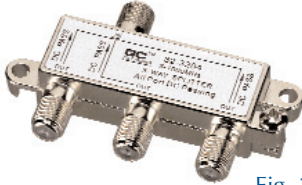


Fig. 2

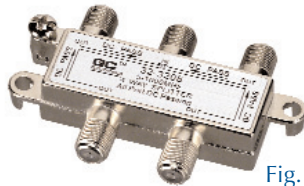


Fig. 3

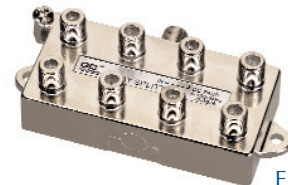


Fig. 4

DC Passive/Blocking Cable Splitters

Retail Part No.	Bulk Part No.	Figure Number	Description	Plating	Frequency Range (MHz)	Insertion Loss(dB)	Return Loss(dB)	Isolation(dB)
32-3203	32-3203-BU	1	2-Way Splitter DC	Nickel	40-1000	4.3	16	22
32-3252	32-3252-BU	1	2-Way Splitter DC	Nickel	40-1000	4.3	20	24
32-3204	32-3204-BU	2	3-Way Splitter DC	Nickel	40-1000	7.5	18	23
32-3253	32-3253-BU	2	3-Way Splitter DC	Nickel	40-1000	7.5	18	23
32-3205	32-3205-BU	3	4-Way Splitter DC	Nickel	40-1000	8.8	18	30
32-3254	32-3254-BU	3	4-Way Splitter DC	Nickel	40-1000	8.8	18	25
32-3206	32-3206-BU	4	8-Way Splitter DC	Nickel	40-1000	12.5	16	22
32-3258	32-3258-BU	4	8-Way Splitter DC	Nickel	40-1000	12.5	16	22

High Quality Broadcast Splitters

Applications:

Splits one inbound 75 Ohm video signal to multiple 75 Ohm video outlets. All terminals use standard threaded "F" video connectors. Anti-Corrosion plating and sealed case resist the elements. These splitters feature a built in ground block.



Fig. 5

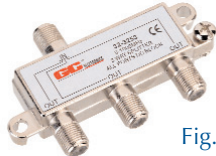


Fig. 6



Fig. 7



Fig. 8

High Quality Broadcast Splitters

Retail Part No.	Bulk Part No.	Figure Number	Description	Plating	Frequency Range(MHz)	Insertion Loss(dB)	Return Loss(dB)	Isolation (Out-Out)
32-3018	32-3018-BU	5	2-Way Splitter	Nickel	5-900	3.5(VHF)/4.0(UHF)	20(VHF)/15(UHF)	25(VHF)/20(UHF)
32-3718	32-3718-BU	5	2-Way Splitter	Gold	5-900	3.5(VHF)/4.0(UHF)	N/A	20(VHF)/20(UHF)
	32-2018-BU	5	2-Way Splitter Mini-Style	Nickel	5-1200	5.0(VHF)/5.0(UHF)	18(VHF)/18(UHF)	20(VHF)/20(UHF)
32-3033	32-3033-BU	6	3-Way Splitter	Nickel	5-900	5.5(VHF)/6.0(UHF)	20(VHF)/15(UHF)	25(VHF)/20(UHF)
32-3022	32-3022-BU	7	4-Way Splitter	Nickel	5-900	6.8(VHF)/7.2(UHF)	20(VHF)/15(UHF)	25(VHF)/20(UHF)
32-3722		7	4-Way Splitter	Gold	5-900	6.8(VHF)/7.2(UHF)	20(VHF)/15(UHF)	25(VHF)/20(UHF)
	32-3039-BU	8	8-Way Splitter	Nickel	5-900	N/A	N/A	N/A

Part No's that end in -80 denotes package of 80 pieces.

AUDIO/VIDEO



BROADCAST SIGNAL SPLITTERS (Cont.)



~~Fig. 1~~



~~Fig. 2~~



~~Fig. 3~~



Fig. 4



~~Fig. 5~~

Broadcast Splitters

Retail Part No.	Bulk Part No.	Figure Number	Description	Frequency (MHz)	Insertion Loss(dB)max	Return Loss(dB)min	Isolation (dB)min	EMI Shielding(dB)min
SD-562-BU	1	2-Way		5	3.5	16	25	120
				10	3.5	18	28	120
SD-563-BU	2	3-Way		20	3.6	20	28	120
				400	3.9	18	25	120
SD-564-BU	3	4-Way		500	4.4	16	22	120

Broadcast Amplifiers

Retail Part No.	Bulk Part No.	Figure Number	Description
SD-4303		4	1-way Amplifier 10dB 5-500 MHz for indoor use
SD-4307		5	4 way Amplifier 3dB 5-500 MHz for indoor use

DROP TAPS

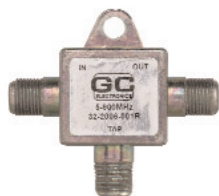


Fig. 6



Fig. 7

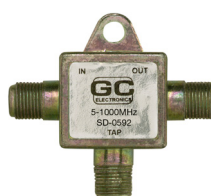
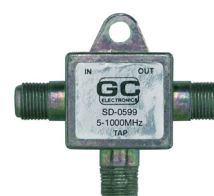


Fig. 8



~~Fig. 9~~

Drop Taps

Retail Part No.	Bulk Part No.	Figure Number	Description	Frequency(MHz)	Insertion Loss(dB)max	Isolation Loss(dB)min	Tap Loss(+/-dB)max
32-2006	32-2006-BU	6	Miniature UHF/VHF/FM Droptap(6dB)	5	3.0	23	0.5
				50	2.6	31	0.5
				300	2.5	25	0.5
				500	2.5	27	0.5
				750	3.0	28	0.5
				1000	3.2	27	0.5
32-2009	32-2009-BU	6	Miniature UHF/VHF/FM Droptap(9dB)	5	1.7	30	0.5
				50	1.4	30	0.5
				300	1.3	33	0.5
				500	1.3	33	0.5
				750	1.8	30	1.0
				1000	2.0	28	1.0
32-2012	32-2012-BU	6	Miniature UHF/VHF/FM Droptap(12dB)	5	2.5	36	0.5
				50	0.5	36	0.5
				300	0.5	33	0.5
				500	0.7	30	0.5
				750	1.5	25	0.5
				1000	1.8	23	0.5
32-2020	32-2020-BU	6	Miniature UHF/VHF/FM Droptap(20dB)	5	0.7	36	0.5
				50	0.6	36	0.5
				300	0.6	33	0.5
				500	0.5	31	1.0
				750	1.1	28	2.0
				1000	1.5	27	2.0
32-3183-BU		7	UHF/VHF/FM Droptap (12dB)	5-1000	N/A	N/A	N/A
SD-592-BU		8	Miniature UHF/VHF/FM Droptap(12dB)	5	2.5	36	0.5
				50	0.5	36	0.5
				300	0.5	33	0.5
				500	0.7	30	0.5
				750	1.5	25	0.5
				1000	1.8	23	0.5
SD-599-BU		9	Miniature UHF/VHF/FM Droptap(20dB)	5	2.5	36	0.5
				50	0.5	36	0.5
				300	0.5	33	0.5
				500	0.7	30	0.5
				750	1.5	25	0.5
				1000	1.8	23	0.5

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GROUNDING BLOCKS & ACCESSORIES

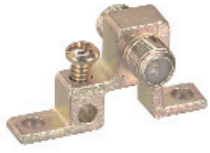


Fig. 1



Fig. 2



Fig. 3



Fig. 4

Grounding Blocks & Accessories

Retail Part No.	Bulk Part No.	Figure Number	Description
32-3015	32-3015-BU	1	Coax Grounding Block (for 75Ω antenna)
32-3164		2	Deluxe Picture-in-Picture Hookup Kit (gold plated conn.)
32-3275	SD-3016-BU	3	Coax Grounding Block-Dual Gold
32-3215		4	2.4 GHz Satellite Coax Grounding Block Gold

VIDEO SWITCHES



Fig. 4



Fig. 5



Fig. 6



Fig. 7

Video Switches

Retail Part No.	Bulk Part No.	Figure Number	Description
32-3024	32-3024-BU	4	2-Way 75Ω Coaxial Switch (40dB)
32-3724		4	3-Way Video Selector Switch (40dB)
32-3210	32-3210-BU	5	2-Way High Isolation A/B Coaxial Switch (90dB)
32-3211	32-3211-BU	6	2-Way High Isolation A/B Switch (80dB)
32-3212	32-3212-BU	7	3-Way High Isolation A/B/C Switch (90dB)

SIGNAL COMBINERS & AMPLIFIERS



Fig. 1



Fig. 2

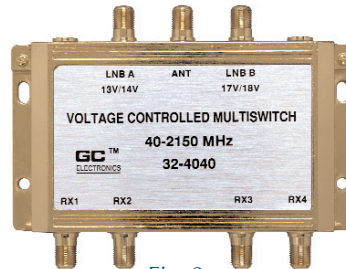


Fig. 3

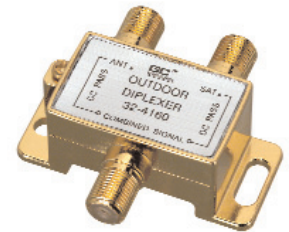
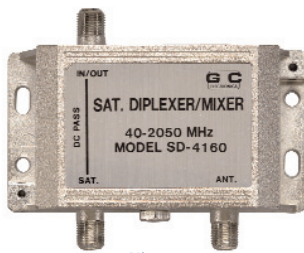
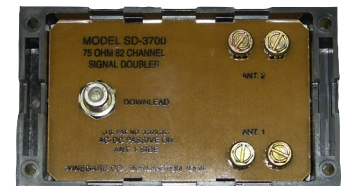


Fig. 4


~~Fig. 5~~

~~Fig. 6~~

~~Fig. 7~~

Signal Combiners & Amplifiers

Retail Part No.	Bulk Part No.	Figure No.	Description	Frequency Range(MHz)	Insertion Loss(dB)	Return Loss(dB)	Isolation (dB)	Noise Fig. (dB)max	DC Power	Out of Band Rejection	Gain (dB)
32-3031		1	Channel 3 Signal Combiner	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
32-3041		1	Channel 4 Signal Combiner	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
32-4005		2	Satellite In-Line Amplifier-RG6*	450-2250	N/A	N/A	N/A	4	15v/18v	N/A	20-21
SD-4005		2	Satellite In-Line Amplifier-RG6	450-2050	N/A	6	N/A	5	15v	N/A	18
32-4040		3	Satellite Multi-Switch*	40-2150	14dB@(40-860)MHz 2dB@(950-2150)MHz	N/A	35	N/A	14v/18v	N/A	
32-4160		4	Satellite Diplexer-DC-Passive*	5-2150	1dB@(5-860)MHz 2.5dB@(950-2150)MHz	10dB	N/A	N/A	N/A	20dB	
32-4164		4	Satellite Diplexer-DC-Blocking*	5-2150	1dB@(5-860)MHz 2.5dB@(950-2150)MHz	10dB	N/A	N/A	N/A	20dB	
SD-4164-BU		5	Diplexer/Mixer	40-2050	N/A		N/A	N/A	N/A	N/A	N/A
SD-3300		6	Antenna Coupler, 300Ω						N/A		
SD-3700		7	Antenna Coupler, 75Ω						N/A		

Notes: *=Gold Plating