

## 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            |

## BROADCAST SIGNAL SPLITTERS

### 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, 32-3018-80 | 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 |

## 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                |