

# MATV - CATV - SPLITTERS

## MULTI-COAXIAL INDOOR/OUTDOOR HYBRID SPLITTERS CHANNELS 2-83 VHF/UHF/FM and ANY VIDEO RECORDER

All Philmore hybrid splitters are now housed in hemetic zinc die-cast cases for both indoor and outdoor use. Display packed. For bulk-packed splitters, please add suffix letter "B" to part number.

### Specifications:

**Freq. Range:** 5-900  
**Impedance Input:** 75 ohm  
**Impedance Output:** 75 ohm  
**Insertion Loss:** UHF 4 dB- VHF 3.5 dB  
**Return Loss:** UHF 15 dB - VHF 20 dB  
**Isolation:** UHF 25 dB - VHF 30 dB



Miniature 2-Way Hybrid  
**No. CS12**

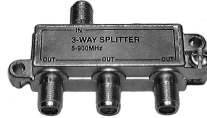


3-Way Splitter  
 for wall plate mounting  
**No. 42-132**



2-Way Hybrid with Grounding Block  
**No. CS13**  
**No. CS13G** Gold Plated

2-Way Splitter  
 Economy 3 Pack of No. CS13,  
**No. CS13-3**  
 INSTALLER PACKS  
**No. 76-180 - BOX OF 10**



3-Way Hybrid  
**No. CS14**

INSTALLER PACKS  
**No. 76-182 - BOX OF 10**



4-Way Hybrid  
**No. CS15**  
**No. CS15G** Gold Plated

INSTALLER PACKS  
**No. 76-184 - BOX OF 10**



6-Way Splitter  
**No. 42-136**



8-Way Splitter  
**No. 42-138**

## ATTENUATER

- Available in 3, 6, 10, 12, 17, 20 and 23 db values
  - Nickel plated "F" Male to "F" Female
  - DC-1000 MHz Pass
- No. 42-103** - 3 db  
**No. 42-106** - 6 db  
**No. 42-110** - 10 db  
**No. 42-112** - 12 db  
**No. 42-117** - 17 db  
**No. 42-120** - 20 db  
**No. 42-123** - 23 db



## DROP TAPS

Zinc die-cast housing, AC and DC isolated ports, straight through-line conductor. 75 ohms impedance, 20 db return loss. Bulk packed only.



### Single Output Taps

- No. CS16B** - Tap isolation 12dB (Insertion loss 1dB)
- No. CS17B** - Tap isolation 17dB (Insertion loss 0.8dB)
- No. CS18B** - Tap isolation 23dB (Insertion loss 0.5dB)

### Two Output Taps

- No. CS19B** - Tap isolation 12dB (Insertion loss 2.2dB)
- No. CS20B** - Tap isolation 17dB (Insertion loss 1.2dB)
- No. CS21B** - Tap isolation 23dB (Insertion loss 0.6dB)

### Four Output Taps

- No. CS22B** - Tap isolation 12dB (Insertion loss 3.5dB)
- No. CS23B** - Tap isolation 17dB (Insertion loss 3dB)
- No. CS24B** - Tap isolation 23dB (Insertion loss 1dB)

## HIGH "Q" SPLITTER: (5-900MHz)

- High Quality Heavy Zinc die-cast housing
- Gold Plated F-Female machine threaded connector on all parts
- PCB design with multiple capacitors, cores for best performance

Bandwidth MHz:	5-50	54-400	400-550	550-900
Insertion Loss: (dB maximum)	4.0	3.8	4.0	5.0
Isolation Port to Port: (dB minimum)	20	22	22	18
Input Return Loss: (dB minimum)	18	18	16	15

Bandwidth MHz:	5-50	54-400	400-550	550-900
Insertion Loss: (dB maximum)				
1 Port:	3.8	3.5	3.5	5.0
2 Port:	7.5	7.3	7.3	9.0
Isolation Port to Port: (dB minimum)	16	20	20	16
Input Return Loss: (dB minimum)	10	12	14	12

Bandwidth MHz:	5-50	54-400	400-550	550-900
Insertion Loss: (dB maximum)	6.5	6.5	6.8	9.0
Isolation Port to Port: (dB minimum)	20	22	23	18
Input Return Loss: (dB minimum)	14	15	17	18



2-Way Splitter  
**No. CS602L**



3-Way Splitter  
**No. CS603L**



4-Way Splitter  
**No. CS604L**