

1GHz Passive Video Splitters and Splitter Modules

APPLICATION

Use 4-, 6- and 8-way 1GHz Passive Video Splitters and Passive Video Splitter Modules to split digital cable, quality cable TV and off-air signals to 4, 6 or 8 televisions throughout a home or office. The Video Splitter Modules are designed for easy installation in any Leviton 140, 280 or 420 Structured Media™ Enclosure. The Video Splitters are easily installed in Leviton MDU Enclosures or used in any application where a passive video splitter is needed. These units feature die-cast housings and printed circuit board construction.

FEATURES

- Split video signals with outputs for 4, 6 or 8 televisions depending on unit
- Provide digital cable, cable TV and other video services via coaxial cable to any room in a house or office
- Printed circuit board construction
- Passive Video Splitter Modules come with mounting bracket for easy installation in any Leviton 140, 280 or 420 Structured Media™ Enclosure (SMC). Passive Splitters are easily installed in Leviton MDU Enclosures
- Durable gold-plated 360 insert pin resists oxidation, maintaining a distortion-free signal for digital data transmission
- Weather sealed F-ports up to 30 P.S.I.
- 75 Ohm termination caps with Splitter Modules
- Range: 5-1000MHz
- Shielded for -130dB RFI
- Can be used with a Video Amplifier for increased signal quality
- 6kV surge protection
- Built-in capacitors on all ports block DC or low frequency AC and also prevent current from flowing through splitter's ferrite core windings that cause hum modulation
- High-quality plating passes 1200-hour salt spray test
- Maintains low temperature stability from -40°C to 85° C both in isolation and return loss
- High-precision machined, SCTE-compliant threaded ports spaced at intervals of 1" center to center

STANDARDS COMPLIANCE

Meets all applicable SCTE standards, ATIC listed

TYPICAL SPECIFICATIONS

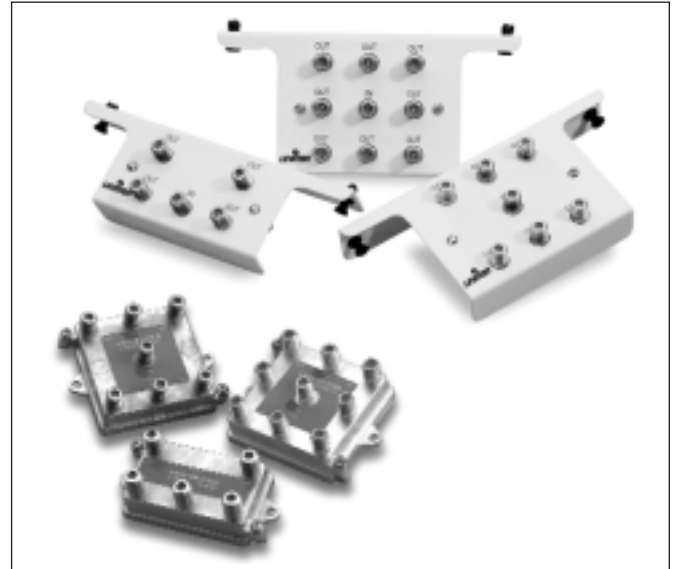
The Passive Video Splitter Module shall be mounted in any Leviton 140, 280 or 420 Structured Media™ Enclosure. The Passive Video Splitter shall be mounted in any Leviton MDU Enclosure or it can be used in any application where a passive video splitter is required.

WARRANTY INFORMATION

Two-year limited product warranty.

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 Little Neck, NY 11362-2591 • Phone: 1-800-323-8920 • Tech Line: 1-800-824-3005 • FAX: 1-800-832-9538

Visit our Website at: www.leviton.com



MATERIAL SPECIFICATIONS

Splitter: Nickel-plated F-connectors Tin-plated zinc die-cast housing and glass-printed circuit board with micro-strip design

Bracket: White powder-coated 18 AWG sheet metal

	1 x 4	1 x 6	1 x 8
Insertion Loss (dB)			
5-15MHz	6.8	9.0	10.2
16-45MHz	6.8	9.0	10.2
46-400MHz	7.0	9.2	10.5
401-750MHz	7.2	9.8	11.0
751-1000MHz	7.5	11.0	11.5
Input Return Loss			
5-15MHz	22	23	23
16-45MHz	24	25	25
46-400MHz	25	24	24
401-750MHz	24	23	23
751-1000MHz	22	22	22
Output Return Loss			
5-15MHz	23	22	22
16-45MHz	25	24	25
46-400MHz	24	25	24
401-750MHz	24	24	23
751-1000MHz	22	22	22
Isolation Loss			
5-15MHz	28	27	27
16-45MHz	40	36	38
46-400MHz	25	25	25
401-750MHz	24	24	25
751-1000MHz	24	23	23

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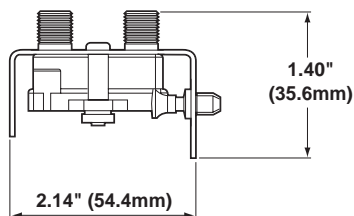
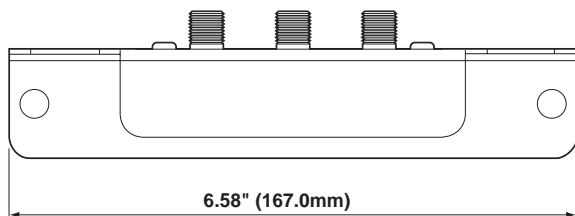
Product Specifications

47690-4C 47690-004
 47690-6C 47690-006
 47690-8C 47690-008

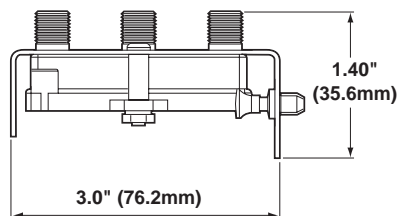
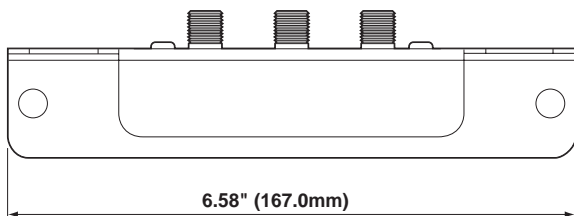
ORDERING INFORMATION

Cat. No.	Description
47690-4C	4-way Passive Video Splitter Module (1GHz)
47690-6C	6-way Passive Video Splitter Module (1GHz)
47690-8C	8-way Passive Video Splitter Module (1GHz)
47690-004	4-way Passive Video Splitter (1GHz)
47690-006	6-way Passive Video Splitter (1GHz)
47690-008	8-way Passive Video Splitter (1GHz)

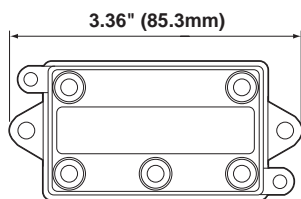
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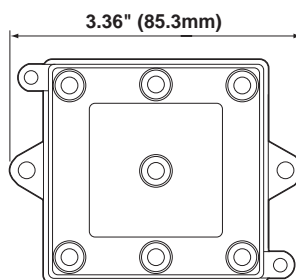
47690-4C



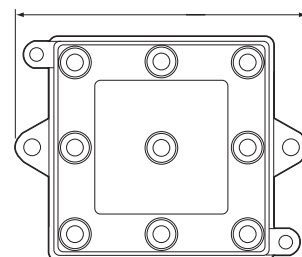
47690-6C, 47690-8C



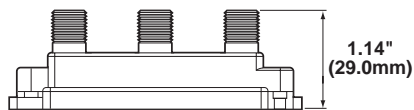
TOP VIEW



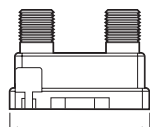
TOP VIEW -006



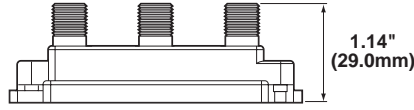
TOP VIEW -008



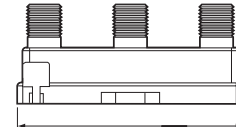
FRONT VIEW



SIDE VIEW



FRONT VIEW



SIDE VIEW

47690-004

47690-006, 47690-008

