

STANDARD CATV MODULES

Leviton meets and exceeds the demands of digital systems. These new systems squeeze hundreds of channels plus Internet service into the coax line. The Standard CATV Modules have full 1 GHz bandwidth and include active components with installer adjustable output levels for a wide variety of CATV and antenna input applications.

CATV Modules can distribute standard inputs such as CATV and antenna RF signals as well as modulated inputs such as VCRs, DVDs and security camera/CCTV on a coaxial cable that runs throughout the home. Signal levels can be adjusted through the Module's built in amplifier/attenuator (-5 to +15 dB). This compensates for variations in signal strength so you have the clearest possible reception.

Choose from one or three input models; both come with eight outputs. Both models come in both nickel plated and gold plated connector versions.



47693-ESM



47693-3BY

Standard CATV Modules

Description	Cat. No.
1x8 Standard CATV Module, 1GHz, Nickel Plated Connectors	47693-ESM
1x8 Standard CATV Module, 1GHz, Gold Plated Connectors	47693-GSM
3x8 Standard CATV Module, 1GHz, Nickel Plated Connectors	47693-3BY
3x8 Standard CATV Module, 1GHz, Gold Plated Connectors	47693-G3Y

Standard 1x8 CATV Modules Specifications

Parameter	Bandwidth	Forward Path	Return Path
Band		52-1000 MHz	5-42 MHz
Gain (Loss)		4 dB	(-0.5 dB)
Flatness		±0.75 dB	±1.5 dB
Return Loss – Input		22.0 dB	21.0 dB
Return Loss – Output		22.0 dB	21.0 dB
Port Isolation – Output		25.0 dB	27.0 dB
Group Delay (span 3.58 Mhz)	54-60 MHz	15 ns	
	61-1000 MHz	7 ns	
Group Delay (span 1Mhz)	5-42 MHz		17 ns
	10-40 MHz		10 ns
Power to RF Input Isolation	5-1000 MHz	100 dB (min)	
RFI Isolation	5-1000 MHz	-110 dBc	
Noise Figure	5-1000 MHz	3.5 dB	
Distortions*	CSO	65 dBc	
	CTB	-74 dBc	
	Xmod	-75 dBc	

* Input level at +10dBmV flat 77 channels & 200 MHz noise for QAM test from 550 to 790 MHz
 Operating Temperature: -40°C to +60 °C