

# Connectors & Adaptors

## Attenuators



**FAM-\***  
PCB, SMD CONSTRUCTION



**FAM-\*HR**  
HIGH PERFORMANCE



**FAMP-\***  
DC POWER PASSING



**FAMP-\*HR**  
HIGH PERFORMANCE DC POWER PASSING

- ▶ DC-3 GHz Operation
- ▶ Precision SMD Components  
*(for High Frequency Operation)*
- ▶ High Accuracy (5%)

### Specifications

Accuracy . . . . .	5%
Frequency Range . . . . .	DC-3 GHz
Attenuator Values 3, 6, 8, 10, 12, 16, 20 dB	
Flatness (1 GHz) . . . . .	±.5 dB (FAM)
	±.25 dB (FAM-HR)
Return Loss (1 GHz) . . . . .	>20 dB (FAM)
	>30 dB (FAM-HR)

### Material

Body . . . . .	Brass: C3602
Plating . . . . .	4um Nickel
Center Pin . . . . .	.8mm Steel

## High Return Loss Adaptors & Terminators

The **Holland** high performance adapter series has been developed to meet high frequency performance requirements such as the SCTE 20 dB minimum return loss specifications. We have added the "HR" series to our standard product line of selected adaptors to meet these requirements and improve performance of CATV and L band systems operating to 2 GHz.

## Adaptors



**VBC-HR**  
VOLTAGE BLOCK



**F90-HR**  
90 DEGREE



**FAM-\*HR**  
ATTENUATORS

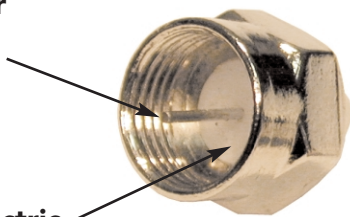
	Frequency Range	Insertion Loss			Return Loss		
		DC-1GHz	2GHz	3GHz	DC-1GHz	2GHz	3GHz
VBC-HR	DC-3GHz.	.10	.10	.10	28	22	22
F90-HR	DC-3GHz	.15	.15	.28	25	24	22
FAM-*HR	DC-3GHz	* Attenuator Value			26	19	16

## Terminators

The **F-59TH** is our high return loss version of the popular **F-59T**, 75 ohm terminator. By use of precision machining and component matching, we have been able to assure performance to a high frequency.

**Larger Center Conductor**

**Precision Dielectric**



### MODEL F-59TH

#### Specifications

Frequency . . . . .	DC-3 GHz
Return Loss . . . . .	30 dB (1 GHz)
Center Pin (Steel) . . . . .	.76mm
Body . . . . .	Zinc

