

# PCI FILTERS®

## Pilot Carrier Trap:

### Application:

The PCT-8780 pilot carrier trap suppresses pilot carriers used in transmission systems. The small size & temperature stability make it suitable to be installed in the AML receiver. It can be used to remove pilot carriers in other CATV applications.

### Features:

- ▶ Wide operating bandwidth
- ▶ Superior return loss
- ▶ Temperature stable
- ▶ Available in Dual Pilot Carrier Traps
- ▶ F-type connectors standard
- ▶ Available in 19" rack or wall mount versions



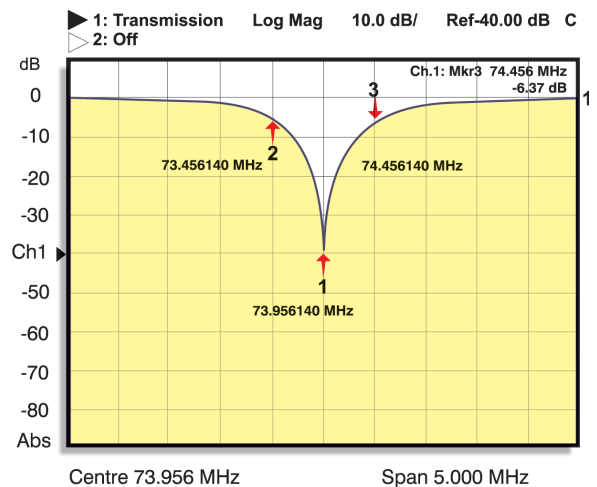
Model: PCT-8780-R



Model: PCT-8780-W

## Technical Specifications

SPECIFICATIONS	
PILOT FREQUENCIES AVAILABLE	Any Specified Frequency 5-200 MHz
3 dB BANDWIDTH	± 1.5 MHz up to 80 MHz
PILOT CARRIER REJECTION	40 dB (typical)
OPERATING BANDWIDTH	5-1000 MHz
PASSBAND INSERTION LOSS	1 dB (max)
RETURN LOSS	18 dB (min)
TEMPERATURE RANGE	-20°C to +65°C (-4°F to +149°F)
HUMIDITY	5-95% (without condensation)
IMPEDANCE	75 Ω
DIMENSIONS	RACK MOUNT 1.75"H x 19.0"W x 1.5"D (4.45H x 48.26W x 3.81D cm)
	WALL MOUNT 1.25"H x 4.5"W x 1.5"D (3.18H x 11.43W x 3.81D cm)
WEIGHT	RACK MOUNT 0.75 lbs (0.34 kg)
	WALL MOUNT 0.4 lbs (0.19 kg)



## Ordering Information

Part Number	Description
PCT-8780	Pilot Carrier Trap
VCT-9302	Video Carrier Trap

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Specifications subject to change without notice.

