

PCI FILTERS®

Pilot Carrier Trap:

Application:

The PCT-8780 pilot carrier trap suppresses pilot carriers used in transmission systems. The small size and 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

Technical Specifications

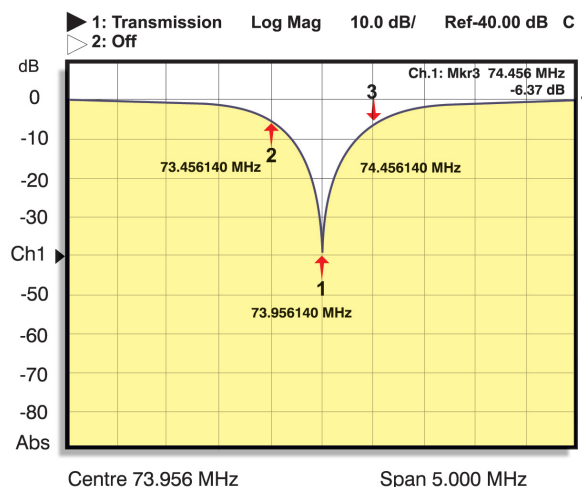
SPECIFICATIONS	
PILOT FREQUENCIES AVAILABLE	Any Specified Frequency 5-200 MHz
3 dB BANDWIDTH	± 1.5 MHz up to 80 MHz
PILOT CARRIER REJECTION	40 dB Typical
OPERATING BANDWIDTH	5-1000 MHz
PASSBAND INSERTION LOSS	1 dB Maximum
RETURN LOSS	18 dB Minimum
TEMPERATURE RANGE	+5°C to +35°C (+41°F to +95°F)
IMPEDANCE	75 Ohms



Model: PCT-8780-R
Dimensions: 1.75"H x 19.0"W x 1.5"D
 (4.45H x 48.26W x 3.81D cm)



Model: PCT-8780-W
Dimensions: 1.25"H x 4.5"W x 1.5"D
 (3.18H x 11.43W x 3.81D cm)



Ordering Information

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

Specifications subject to change without notice.

