

# BONDING BLOCK

## 3 GHz Gold Series with DSM® Seizure

### PCT-MBBC

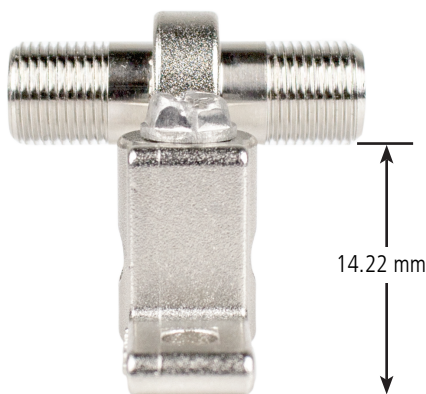


Innovation for the Last Mile™



**Superior  
Critical Category  
Performance**

**Eliminates  
Failure Potential**



## UNIQUE FEATURES

PCT's 3 GHz Gold Series bonding block is engineered to eliminate the potential for failure, and offer superior performance in all critical categories:

- ✓ Machined brass F-81 connectors
- ✓ PCT's patented DSM® seizure for superior center conductor retention, reduced common path distortion, and excellent electrical performance (including 30 dB min. return loss thru 1.0 GHz).

## ADVANCED FEATURES

- ✓ Gold plated beryllium copper seizure has ideal electrical and mechanical characteristics, with exceptional spring back and center conductor retention that does not require assistance from a plastic insulator
- ✓ 100% conformance to SCTE standards for center conductor retention without any assistance from plastic insulators that relax over time
- ✓ High quality zinc alloy body
- ✓ Nickel plating for excellent corrosion resistance
- ✓ Precision machined SCTE conforming ports for superior F-connector performance
- ✓ Includes bonding wire screw and two mounting screws

## GENERAL SPECIFICATIONS

Parameter	Unit	Details
Bandwidth	MHz	5 to 3,000
Nominal Impedance	Ohms	75
Return Loss	dB	30 @ 5 to 1,000 MHz
		26 @ 1,000 to 1,500 MHz
		20 @ 1,500 to 3,000 MHz
Shielding Effectiveness	dB	-100 (min)
Insertion Loss	dB	≤ 0.1 @ 5 to 600 MHz
		≤ 0.3 @ 600 to 3,000 MHz
Operating Temperature	°C (°F)	-40 to +60 (-40 to +140)
Ground Wire Gauge	--	Accepts up to #6 AWG ground wire
UL Listed	--	No. E485438

## Ordering Information

PCT-MBBC Bonding Block, Gold Series, 5 to 3,000 MHz, with DSM®

STAY INFORMED - FOLLOW US

