

PCT-MPI-1G

Power Inserter, 5 to 1002 MHz

PCT-MPI-1G

Value (dB)

Electrical Specifications

Parameter	Typical	Max	Guaranteed
Insertion Loss			
5 to 1002 MHz	0.5		1.0
Isolation (RF In / Out – Pwr In)			
5 to 15 MHz	20		20
15 to 1002 MHz	30		25
Return Loss (RF In / Out)			
5 to 1002 MHz	20		18



General Specifications

Parameter	Specification
Voltage	24 VDC Max, 1 A Max
Impedance	75 Ohms
RFI Shielding	- 110 dB
Surge Withstand (all ports)	1 kV A3, 100 kHz ring wave
F-Port	3/8-32 UNEF-2A, ANSI / SCTE 01 2006
F-Port Pressure Seal	≥ 15 psi, moisture migration resistance per ANSI / SCTE 60 2010
F-Port Tightening Torque Withstand	≥ 60 in-lbs
Regulatory Standards	CE conformance (EN50083-2:2006 Class A)

Ordering Information

Part Number	Description
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