

A7BA Series 1 GHz Ground Block



Overview

Antronix's high performance ground block is made of high quality nickel-plated zinc diecast to resist corrosion and machined brass F-ports. Unit includes a grounding wire screw and two mounting screws. Screws are nickel-plated carbon steel.

The high performance A7BA Series ground block uses Antronix's Eclipse Contact Technology (ECT). The ECT grips the center conductor around its circumference providing at least 400% more center conductor coverage than traditional F-ports.

Electrical Specifications

Insertion Loss

Freq. (MHz)	Maximum (dB)	Typical (dB)
5-15	0.10	0.05
15-40	0.10	0.05
40-200	0.10	0.05
200-550	0.10	0.05
550-750	0.10	0.05
750-1000	0.10	0.05

Return Loss

Freq. (MHz)	Minimum (dB)	Typical (dB)
5-15	45	60
15-40	35	45
40-200	30	35
200-550	25	30
550-750	25	30
750-1000	25	30

General Specifications

Nominal Impedance	75 Ω
F-Connector Type	ANSI/SCTE 01 (formerly SCTE IPS-SP-400) Compliant Sealed Brass CamPort [®]
F-Connector Torque Specs	30 in. lbs.

Environmental Specifications

Pressure Seal	10 psi
Operating Temperature	-40 °C to +60 °C

Specifications subject to change without notice