Features and Benefits

ANTRONIX®

3 GHz Ground Block
A7BA Series

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. Meets SCTE specifications.

Specifications

Electrical

	Insertion Loss		Return Loss	
Frequency (MHz)	**Maximum** (dB)	**Typical** (dB)	**Minimum** (dB)	**Typical** (dB)
5-65	0.1	0.05	40	45
65-200	0.1	0.05	35	40
200-1218	0.1	0.05	25	30
1218-1700	0.1	0.05	22	26
1700-2500	0.2	0.10	20	24
2500-3000	0.2	0.10	18	20

General	
Nominal Impedance	75 Ω
F-connector Type	ANSI/SCTE 01 Compliant Sealed F-port with ECT
Environmental	
Pressure Seal	10 psi
Operating Temperature	-40°C to +60°C
Salt Fog	ANSI/SCTE 143
Surge Withstand	6 kV Combination Wave Surge per ANSI/SCTE 81

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