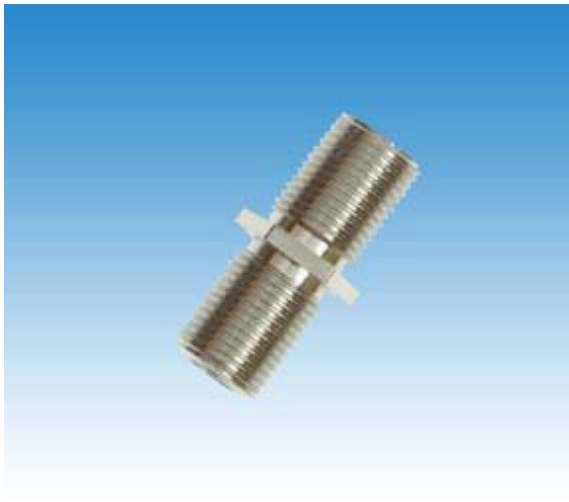


F-Splice

F81B Series (Short)



Overview

Antronix's high performance F-splice is made of high quality machined brass and nickel plated to resist corrosion. Our F81B splice features our Eclipse Contact Technology seizure pin for optimal contact area.

The high performance F81B Series F-splice 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.

Specifications

Insertion Loss		
Freq. (MHz)	Maximum (dB)	Typical (dB)
5-15	0.10	0.01
15-40	0.10	0.01
40-200	0.10	0.01
200-550	0.10	0.03
550-750	0.10	0.03
750-1000	0.10	0.05

Return Loss		
Freq. (MHz)	Minimum (dB)	Typical (dB)
5-15	40	50
15-40	40	45
40-200	35	40
200-550	28	35
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 F-Port with ECT
Surge Withstand	6 kV Combination Wave (IEEE C62.41-1991 Cat. B3)
Flatness	+/- 0.10 dB

Environmental Specifications

Operating Temperature	-40 °C to +60 °C
RFI	>100 dB

Specifications subject to change without notice