Features and Benefits

ANTRONIX®

F-Splice
F81B and F81BP Series

Antronix's high performance F-splice is crafted with high quality, corrosion-resistant machined brass and nickel plating for indoor and outdoor use. This barrel splice operates up to 3 GHz for use in CATV and satellite applications.

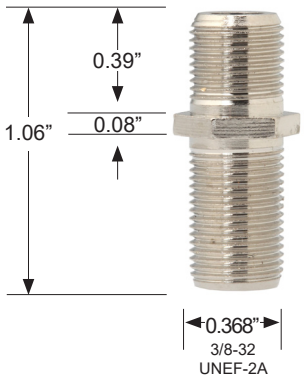
The F81BP splice, with thread depth offset, is also available already paired with Antronix wall plates (WPx-81B).

Specifications

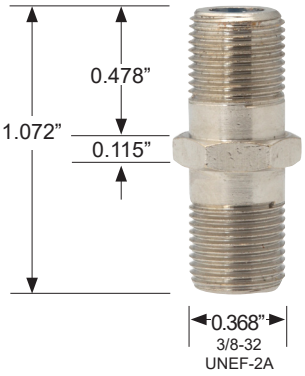
Electrical				
	Insertion Loss		Return Loss	
Frequency (MHz)	**Maximum** (dB)	**Typical** (dB)	**Minimum** (dB)	**Typical** (dB)
5-15	0.10	0.01	40	50
15-40	0.10	0.01	40	45
40-200	0.10	0.02	35	40
200-550	0.10	0.05	28	35
550-750	0.10	0.06	25	30
750-1200	0.10	0.07	25	28
1200-1500	0.15	0.08	22	26
1500-3000	0.20	0.10	20	24

General	
Nominal Impedance	75 Ω
F-connector Type	F81B: ANSI/SCTE 01 Compliant F81BP: ANSI/SCTE 02 Compliant
Surge Withstand	6 kV Combination Wave (IEEE C62.41-1991 Cat. B3)
Flatness	+/- 0.05 dB
Environmental	
Operating Temperature	-40 °C to +60 °C
RFI	>100 dB
Salt Spray	ASTM B117-03

F81BP



F81B



Ordering Guide

F81B	Barrel splice
F81BP	Barrel splice with deep offset
WPW-81B	Wall plate with F81BP (white)
WPI-81B	Wall plate with F81BP (ivory)
WPB-81B	Wall plate with F81BP (brown)

440 Forsgate Drive, Cranbury, NJ 08512 • T: 609.860.0160 • F: 609.860.1687 • antronix.com