

# Connectivity & Drop Components



## F-81 Series F-81 Barrel Splice Connectors

- Three versions available to meet every bandwidth requirement
- Standard F-81 for performance to 1GHz
- Round seizing pins (CF-81-HP) maximize center conductor surface contact
- Precision machined threads with flat-ended ports maximizes contact
- Low insertion loss provides unsurpassed performance
- High 8-ampere DC continuous current handling capacity

### Specifications

	F-81	F-81NW	CF-81-HP
<b>Bandwidth</b>	DC~1GHz	DC~1GHz	DC~3GHz
<b>Insertion Loss</b>	0.5dB	0.5dB	<0.5dB
<b>Return Loss</b>	14dB	20dB	>-30dB
<b>Impedance</b>	75Ω	75Ω	75Ω
<b>Material</b>	Zinc Diecast	Zinc Diecast	Brass
<b>Plating</b>	Nickel	Nickel	Nickel

### Ordering Information

- CF-81-HP** High Return Loss Barrel Splice  
**F-81NW** 1GHz Female Splice with Nut/Washer  
**F-81** 1GHz Female Splice



## F-90 Series Right Angle Adapters

- Two versions available to meet every bandwidth requirement
- Ultra high return loss F90-HRL for superb performance to 3GHz
- Standard F-90 for performance to 1GHz
- Round seizing pin (HRL version) maximize center conductor surface contact
- Precision machined threads provide smooth thread mating
- Low insertion loss provides unsurpassed performance
- High 8-ampere DC continuous current handling capacity

### Specifications

	F90-HRL	F-90
<b>Bandwidth</b>	DC~3GHz	DC~1GHz
<b>Insertion Loss</b>	0.2dB	0.5dB
<b>Return Loss</b>	30dB	20dB
<b>Impedance</b>	75Ω	
<b>Material</b>	Brass	
<b>Plating</b>	Nickel	

### Ordering Information

- F90-HRL** 3GHz High Return Loss 90 Degree adapter  
**F-90** 1GHz 90 Degree adapter



### Specifications

	F-71
<b>Bandwidth</b>	DC~1GHz
<b>Insertion Loss</b>	0.5dB
<b>Return Loss</b>	20dB
<b>Impedance</b>	75Ω
<b>Material</b>	Brass
<b>Plating</b>	Nickel

## F-71 Male to Male Adapter

- Performance to 1GHz for use in broadband distribution systems
- High return loss performance to 1GHz
- Precision machined threads provide smooth thread mating
- Low insertion loss provides unsurpassed performance
- Nickel plated brass construction for excellent signal transfer
- High 8-ampere DC continuous current handling capacity

### Ordering Information

- F-71** Male to Male Adapter