



Regal®

Connectors, Attenuators
& Terminators



Application

The F-81 type connector is available in two lengths to accommodate in-line splicing and wall plate applications.

R-81 models will accept pin types 59 and 6. DRF-81 and DRF-81H seizure mechanisms are 360° conical tin plate beryllium copper, housing is a nickel plated cartridge brass $\frac{3}{8}$ " 32 UNEF threads are used and feature flat ports.

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Specifications

F-81 Type Connectors - Model # DRF-81, DRF-81H

Frequency (MHz)	5-1000	1000-2000	2000-3000
Insertion Loss	0.1	0.2	0.25
Return Loss	27	23	20

F-81 Type Connectors - Model # RF-81, RF-81H

Frequency (MHz)	5-400	401-500	501-550	551-600	601-1002
Insertion Loss	0.1	0.1	0.16	0.16	0.25
Return Loss	20	18	17	16	15 (14)1

F-Type Terminator - Model # RF59T, RLTWT, RLT75WT

Frequency (MHz)	DC to 1002
Return Loss	25 dB Typical
Tolerance	2% Typical, 1/8 Watt

Attenuators - Model # RILA3-20

Mfg #	Bandwidth (MHz)	Typical Attenuation (dB)	Typical Return Loss (dB)
RILA-3	dc to 1002	3	20
RILA-6	dc to 1002	6	20
RILA-8	dc to 1002	8	20
RILA-10	dc to 1002	10	20
RILA-12	dc to 1002	12	20
RILA-16	dc to 1002	16	20
RILA-20	dc to 1002	20	20

Note 1: RF-81 only

Specifications are subject to change without notice

Ordering Information

ARRIS#	Mfg#	Description
209378	DRF-81	DRF-81, F-81 Splice Without Hardware, 1.1" Long, For In-Line Splicing
209379	RF-81H	DRF-81, F-81 Bulkhead with Hardware, 1.4" Long, For Use with Wall Plates
127761	RF-81	F-81 splice without hardware, 1.1" Long, For In-Line Splicing
127760	RF-81H	F-81 bulkhead with hardware, 1.4" long, for use with wall plates
137816	RF-59T	75 ohm F-Type Terminator
146637	RILA-3	3 dB Regal In-Line Attenuator
146638	RILA-6	6 dB Regal In-Line Attenuator
146639	RILA-8	8 dB Regal In-Line Attenuator
146640	RILA-10	10 dB Regal In-Line Attenuator
146641	RILA-12	12 dB Regal In-Line Attenuator
146642	RILA-16	16 dB Regal In-Line Attenuator
146643	RILA-20	20 dB Regal In-Line Attenuator
209380	RLTWT	Locking Terminator, No Resistor, Brass with Zinc Plating. Free Tool Per Bag of 100
209381	RLT75WT	Locking Terminator with Resistor, 75 OHM, Free Tool Per Bag of 100

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