FEMALE TO FEMALE SPLICE ADAPTER

Gold Series with DSM® Seizure

PCT-F81-G



Innovation for the Last Mile"





Illustration showing PCT's patented DSM® Seizure

UNIQUE FEATURES

- ✓ Includes patented DSM seizure for superior center conductor retension, reduced common path distortion, and excellent electrical performance
- ✓ Precision machined port ends for superior mating performance of F connectors
- ✓ Excellent return loss of 30 dB to 1 GHz

Specifications

PCT-F81-G

Parameters Specification General Bandwidth 5 MHz to 3 GHz Impedance 75 Ohms (Nominal) Return Loss 30 dB 5 MHz to 1.0 GHz 30 dB 1.0 to 1.5 GHz 26 dB 1.5 to 3.0 GHz 20 dB Insertion Loss 5 to 600 MHz 5 to 600 MHz ≤ 0.1 dB 600 to 3000 MHz ≤ 0.3 dB Operating Temperature -40 to +140 °F (-40 to +60 °C) Physical Characteristics Length 1.22 in (30.9 mm) Female Mating 3/8" - 32 UNEF-2A Thread Construction Material Nickel Plated Brass Insulator HDPE Seizure Gold Plated Beryllium Copper, Patented DSM® Digital Seizure Mechanism Part Number F Female Splice Adapter, Gold Series, DSM® Seizure, Indoor / Outdoor Design, without Nut and Washer		
Bandwidth 5 MHz to 3 GHz Impedance 75 Ohms (Nominal) Return Loss 5 MHz to 1.0 GHz 30 dB 1.0 to 1.5 GHz 26 dB 1.5 to 3.0 GHz 20 dB Insertion Loss 5 to 600 MHz ≤ 0.1 dB 600 to 3000 MHz ≤ 0.3 dB Operating Temperature -40 to +140 °F (-40 to +60 °C) Physical Characteristics Length 1.22 in (30.9 mm) Female Mating 3/8" - 32 UNEF-2A Thread Construction Material Nickel Plated Brass Insulator HDPE Seizure Gold Plated Beryllium Copper, Patented DSM® Digital Seizure Mechanism Part Number PCT-E81-G F Female Splice Adapter, Gold Series, DSM® Seizure,	Parameters	Specification
Impedance 75 Ohms (Nominal) Return Loss 5 MHz to 1.0 GHz 30 dB 1.0 to 1.5 GHz 26 dB 1.5 to 3.0 GHz 20 dB Insertion Loss 5 to 600 MHz ≤ 0.1 dB 600 to 3000 MHz ≤ 0.3 dB Operating Temperature -40 to +140 °F (-40 to +60 °C) Physical Characteristics Length 1.22 in (30.9 mm) Female Mating 3/8" - 32 UNEF-2A Thread Construction Material Nickel Plated Brass Insulator HDPE Seizure Gold Plated Beryllium Copper, Patented DSM® Digital Seizure Mechanism Part Number F Female Splice Adapter, Gold Series, DSM® Seizure,	General	
Return Loss 5 MHz to 1.0 GHz 30 dB 1.0 to 1.5 GHz 26 dB 1.5 to 3.0 GHz 20 dB Insertion Loss 5 to 600 MHz ≤ 0.1 dB 600 to 3000 MHz ≤ 0.3 dB Operating Temperature -40 to +140 °F (-40 to +60 °C) Physical Characteristics Length 1.22 in (30.9 mm) Female Mating 3/8" - 32 UNEF-2A Thread Construction Material Nickel Plated Brass Insulator HDPE Seizure Gold Plated Beryllium Copper, Patented DSM® Digital Seizure Mechanism Part Number F Female Splice Adapter, Gold Series, DSM® Seizure,	Bandwidth	5 MHz to 3 GHz
5 MHz to 1.0 GHz 30 dB 1.0 to 1.5 GHz 26 dB 1.5 to 3.0 GHz 20 dB Insertion Loss 5 to 600 MHz ≤ 0.1 dB 600 to 3000 MHz ≤ 0.3 dB Operating Temperature -40 to +140 °F (-40 to +60 °C) Physical Characteristics Length 1.22 in (30.9 mm) Female Mating 3/8" - 32 UNEF-2A Thread Construction Material Nickel Plated Brass Insulator HDPE Seizure Gold Plated Beryllium Copper, Patented DSM® Digital Seizure Mechanism Part Number F Female Splice Adapter, Gold Series, DSM® Seizure,	Impedance	75 Ohms (Nominal)
1.0 to 1.5 GHz 26 dB 1.5 to 3.0 GHz 20 dB Insertion Loss 5 to 600 MHz ≤ 0.1 dB 600 to 3000 MHz ≤ 0.3 dB Operating Temperature -40 to +140 °F (-40 to +60 °C) Physical Characteristics Length 1.22 in (30.9 mm) Female Mating 3/8" - 32 UNEF-2A Thread Construction Material Nickel Plated Brass Insulator HDPE Seizure Gold Plated Beryllium Copper, Patented DSM® Digital Seizure Mechanism Part Number PCT_F81-G F Female Splice Adapter, Gold Series, DSM® Seizure,	Return Loss	
1.5 to 3.0 GHz 20 dB Insertion Loss 5 to 600 MHz ≤ 0.1 dB 600 to 3000 MHz ≤ 0.3 dB Operating Temperature -40 to +140 °F (-40 to +60 °C) Physical Characteristics Length 1.22 in (30.9 mm) Female Mating 3/8" - 32 UNEF-2A Thread Construction Material Nickel Plated Brass Insulator HDPE Seizure Gold Plated Beryllium Copper, Patented DSM® Digital Seizure Mechanism Part Number PCT_F81-G F Female Splice Adapter, Gold Series, DSM® Seizure,	5 MHz to 1.0 GHz	30 dB
Insertion Loss 5 to 600 MHz ≤ 0.1 dB 600 to 3000 MHz ≤ 0.3 dB Operating Temperature -40 to +140 °F (-40 to +60 °C) Physical Characteristics Length 1.22 in (30.9 mm) Female Mating 3/8" - 32 UNEF-2A Thread Construction Material Nickel Plated Brass Insulator HDPE Seizure Gold Plated Beryllium Copper, Patented DSM® Digital Seizure Mechanism Part Number PCT_F81-G F Female Splice Adapter, Gold Series, DSM® Seizure,	1.0 to 1.5 GHz	26 dB
5 to 600 MHz ≤ 0.1 dB 600 to 3000 MHz ≤ 0.3 dB Operating Temperature -40 to +140 °F (-40 to +60 °C) Physical Characteristics Length 1.22 in (30.9 mm) Female Mating 3/8" - 32 UNEF-2A Thread Construction Material Nickel Plated Brass Insulator HDPE Seizure Gold Plated Beryllium Copper, Patented DSM® Digital Seizure Mechanism Part Number PCT_F81-G F Female Splice Adapter, Gold Series, DSM® Seizure,	1.5 to 3.0 GHz	20 dB
600 to 3000 MHz ≤ 0.3 dB Operating Temperature -40 to +140 °F (-40 to +60 °C) Physical Characteristics Length 1.22 in (30.9 mm) Female Mating 3/8" - 32 UNEF-2A Thread Construction Material Nickel Plated Brass Insulator HDPE Seizure Gold Plated Beryllium Copper, Patented DSM® Digital Seizure Mechanism Part Number PCT_F81-G F Female Splice Adapter, Gold Series, DSM® Seizure,	Insertion Loss	
Operating Temperature -40 to +140 °F (-40 to +60 °C) Physical Characteristics Length 1.22 in (30.9 mm) Female Mating 3/8" - 32 UNEF-2A Thread Construction Material Insulator HDPE Seizure Gold Plated Beryllium Copper, Patented DSM® Digital Seizure Mechanism Part Number PCT-E81-G F Female Splice Adapter, Gold Series, DSM® Seizure,	5 to 600 MHz	≤ 0.1 dB
Physical Characteristics Length 1.22 in (30.9 mm) Female Mating 3/8" - 32 UNEF-2A Thread Construction Material Nickel Plated Brass Insulator HDPE Seizure Gold Plated Beryllium Copper, Patented DSM® Digital Seizure Mechanism Part Number PCT_E81-G F Female Splice Adapter, Gold Series, DSM® Seizure,	600 to 3000 MHz	≤ 0.3 dB
Length 1.22 in (30.9 mm) Female Mating 3/8" - 32 UNEF-2A Thread Construction Material Nickel Plated Brass Insulator HDPE Seizure Gold Plated Beryllium Copper, Patented DSM® Digital Seizure Mechanism Part Number PCT-E81-G F Female Splice Adapter, Gold Series, DSM® Seizure,	Operating Temperature	-40 to +140 °F (-40 to +60 °C)
Female Mating 3/8" - 32 UNEF-2A Thread Construction Material Nickel Plated Brass Insulator HDPE Gold Plated Beryllium Copper, Patented DSM® Digital Seizure Mechanism Part Number PCT-E81-G F Female Splice Adapter, Gold Series, DSM® Seizure,	Physical Characteristics	
Construction Material Nickel Plated Brass Insulator HDPE Seizure Gold Plated Beryllium Copper, Patented DSM® Digital Seizure Mechanism Part Number PCT_F81-G F Female Splice Adapter, Gold Series, DSM® Seizure,	Length	1.22 in (30.9 mm)
Insulator HDPE Seizure Gold Plated Beryllium Copper, Patented DSM® Digital Seizure Mechanism Part Number PCT-F81-G F Female Splice Adapter, Gold Series, DSM® Seizure,	Female Mating	3/8" - 32 UNEF-2A Thread
Seizure Gold Plated Beryllium Copper, Patented DSM® Digital Seizure Mechanism Part Number PCT-F81-G F Female Splice Adapter, Gold Series, DSM® Seizure,	Construction Material	Nickel Plated Brass
Part Number Part Number F Female Splice Adapter, Gold Series, DSM® Seizure,	Insulator	HDPE
F Female Splice Adapter, Gold Series, DSM® Seizure,	Seizure	, 11 .
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	PCT-F81-G	



