

# F-81 ADAPTERS

## Female to Female

### PCT-F81-xG, PCT-81F-x, PCT-81x-Fx



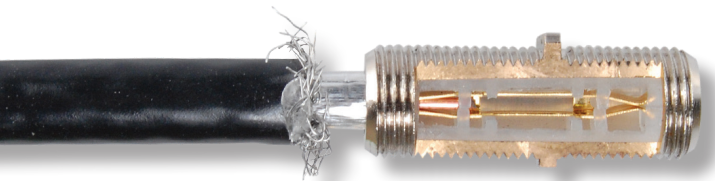
Innovation for the Last Mile™



PCT-F81-G  
(Passives and Actives)



PCT-81F-NWG  
(Barrel Splices and Bonding Blocks)



Cutaway of PCT-81F-x showing PCT's DSM

## DSM™ PERFORMANCE

When it comes to "F" port seizures, maintaining a solid grip on the center conductor over long periods of time is essential. That's why all PCT Gold Series F-81 adapters come complete with our patented Digital Seizure Mechanism (DSM). DSM is field proven and provides high contact force over a wide surface area.

DSM's unique inner profile makes contact over a wider area with more mechanical force than any other type of multi-point contact and it passes SCTE standards for center conductor retention<sup>1</sup> without any assistance from plastic insulators that relax over time.

Put PCT's DSM to work on your drop passives and stop "F" port service calls.

## Specifications

Parameter	Unit	PCT-F81-G, PCT-81F-SPG, PCT-81F-DFG, PCT-81F-NWG	
		Detail	
<b>GOLD SERIES</b>			
Frequency	MHz	5 to 1200	1200 to 3000
Insertion Loss, Max.	dB	- 0.05	- 0.20
Return Loss, Min.	dB	- 30	- 20
<b>STANDARD SERIES</b>			
Frequency	MHz	5 to 1002	1002 to 3000
Insertion Loss, Max.	dB	- 0.2	- 0.3
Return Loss, Min.	dB	- 15	- 10

## Ordering Information

### GOLD SERIES

- PCT-F81-G "F" Female Splice Adapter, Gold Series, DSM Seizure, without nut and washer, 30.9 mm  
Double flat-ended with wide hex area for easier wrench tightening  
Indoor / outdoor design
- PCT-81F-SPG "F" Female Splice Adapter, Gold Series, DSM Seizure, without nut and washer, 26.5 mm
- PCT-81F-DFG "F" Female Splice Adapter, Gold Series, DSM Seizure, without nut and washer, double flat-ended, 27.4 mm
- PCT-81F-NWG "F" Female Splice Adapter, Gold Series, DSM Seizure, with nut and washer, 26.5 mm

### STANDARD SERIES

- PCT-81F-SP "F" Female Splice Adapter, without nut and washer, 26.5 mm
- PCT-81F-NW "F" Female Splice Adapter, without nut and washer, 26.5 mm
- PCT-81L-FSP "F" Female Splice Adapter, without nut and washer, 28 mm

<sup>1</sup> SCTE Standard IPS-TP-405: Seizure must hold 28 grams on 0.022 diameter wire after 30 insertions with 0.051 diameter wire.  
Pat No. 6,450,836 B1 and Pat. No. 6,250,960  
<sup>2</sup>SCTE standard is SCTE 146 2008.  
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