

The F-81-360 Series is compliant to the Echostar, technical and mechanical requirements. They are designed for use in high frequency applications up to 3.0GHz. The F-81HP-360 features MCR Group's PATENT PENDING gold plated Beryllium copper 360 degree center conductor seizing insert. The Beryllium contact allows use with any size cable, form mini to RG2 - maintaining a tight fit for cleaner transmission of data, even after multiple cable insertion. The Beryllium contact design also makes for better long term reliability with the fewer instances of center conductor corrosion/oxidization. The device is housed in a die-cast nickel-plated RFI casing. The F-81HP-360 color coded inserts conforms to CEA-587 specifications as required.



### F-81HP-360-EC

**ADAPTER, F-81 FEMALE ECHOSTAR CONFIGURED**  
DISH NETWORK APPROVED PRODUCT

5-3000 MHz Bandwidth

Compatible With Intercept® Wall Plates

Flat Response And Excellent Return Loss Characteristics

Flatness +/- 0.05 Db



### F-81HP-360-B

**ADAPTER, F-81 FEMALE BRASS SCTE**

Zinc Die Cast Tin Plated Body W/ Precision Maching Threaded Connectors

Full Length 360° Brass Plated Beryllium Copper Center Conductor Seizing Inserts

Knurled Center Grip Allowing 60 Inch Pounds Of Torque Screws

Withstands 200 Grams Of Withdrawal Pressure On Center Conductor, Due To Temperature Cycling.



### F-81HP-360-K

**ADAPTER, F-81 FEMALE BRASS SCTE**

Zinc Die Cast Tin Plated Body W/ Precision Maching Threaded Connectors

Continuous Full Length 360° Gold Plated Beryllium Copper Center Conductor Seizing Inserts. Insert Withstands 200 Grams Of Withdrawal Pressure On Center Conductor Over Operational Environment.

7/16" Center Nut Provides Allowing Up To 75 Inch Pounds Of Torque, Insuring RFI Integrity.

Adapter Will Provide Continuous Center Conductor Powering Surpassing 3000mA @ 24vdc

Operational Environment -40°C And 85°C

Return Loss Surpasses 30db @ 950Mhz And 20db@2450Mhz

Insertion Loss Worse Case 0.20Db Across The Operational Band