

Drop Products

“F” Splices

Product Information

Corning
Gilbert

Connector Specifications

Bandwidth

5 MHz thru 2.3 GHz

Return Loss

30 dB typical @ 1 GHz
30 dB typical @ 2.3 GHz

Insertion Loss

≤0.07 dB typical @ 1 GHz
≤0.1 dB typical @ 2.3 GHz

Port Interface

Meets SCTE-IPS-SP-400
recommended F outdoor
female. All ports designed to
work with G-SR-1/2 seal ring

Center Conductor acceptance

Accepts 0.023 [0.6mm] to
0.043 [1.1mm] center
conductor

F-81

For indoor and outdoor use

Corning Gilbert’s drop product accessories are designed for the highest electrical performance while maintaining excellent extended reliability.

The GF-81-HFB “F” splice has a cylindrical contact design with four points of contact, rather than the two found in typical round high performance products. Contacts are manufactured from Beryllium Copper to ensure reusability while maintaining high contact force.

All F-female ports have a flat reference plane for maximum surface contact.

F-females are machined from brass and nickel plating for maximum corrosion resistance.



Materials and Construction of Components

Body

C36000 Brass Alloy with nickel plating

Contact

Beryllium Copper with Tin plating

Features

F-female ports have brass bodies with nickel plating for high strength and excellent corrosion resistance

Accepts 59 and 6 series cable providing excellent electrical performance with either cables. Accepts .023 [0.6mm] to .043 [1.1mm] center conductor

F-female ports meet IPS-SP-400 and have a flat reference plane, no rollovers

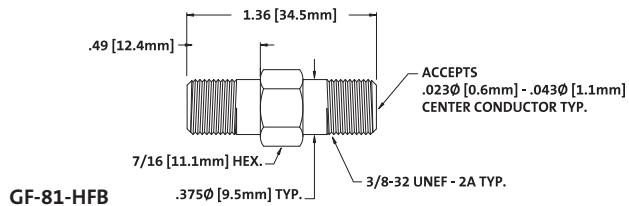
High pressure cylindrical contact design provides four contact points ensuring low contact resistance to minimize intermodulation generation

Blue insulators indicating high frequency

Product Features and Benefits

F-81s

- Wider center hex body to allow easy wrench access
- Weather resistant when used with the Gilbert seal ring (G-SR-1/2) and installed on a standard F-female port (ANSI/SCTE SP 400 1996)



Ordering Information

Part Number	Pkg. Qty
GF-81-HFB	100 pieces
G-SR-1/2	100 pieces

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