

# Drop Products

## “F” Splices

### Product Information

Corning  
Gilbert

#### Connector Specifications

**Bandwidth**

5 MHz thru 3 GHz

**Return Loss**

37 dB typical @ 1 GHz

35 dB typical @ 1.2 GHz

31 dB typical @ 1.8 GHz

**Insertion Loss**

≤ 0.015 dB typical @ 1 GHz

≤ 0.016 dB typical @ 1.2 GHz

≤ 0.036 dB typical @ 1.8 GHz

**Port Interface**

Meets ANSI/SCTE 155 F female splice specification.

**Center Conductor acceptance**

Accepts .023 [0.6mm] to

0.043 [1.1mm] center

conductor

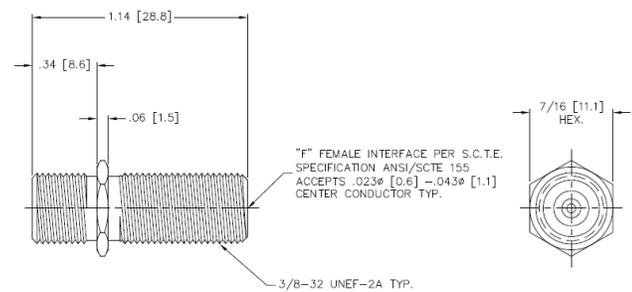
#### GF-81

Corning Gilbert's drop product accessories are designed for the superior DOCSIS 3.1 performance while maintaining excellent extended reliability.

The GF-81 “F” splice has a contact designed for maximum return and insertion loss performance. Contacts are manufactured from Phosphor Bronze and Tin plated to ensure reusability while maintaining high contact force.

Both port ends have a flat reference plane for maximum surface contact.

The splice body is machined from brass and nickel plating for maximum corrosion resistance.



#### 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 ANSI/SCTE 155 and have a flat reference plane, no rollovers

High pressure contact design ensures low contact resistance to minimize intermodulation generation

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