

# RF Panel Receptacles

## 7/16M - 7/16F Short and Long



**CORNING**  
Discovering Beyond Imagination

Corning  
Cabelcon

Wireless



### General Specifications

**Characteristic Impedance**  
50 Ohm

**Frequency Range**  
0.1 - 8.3 GHz

**VSWR**  
< 1.04 @ 8 GHz

**Shielding Effectiveness**  
> -110 dB @1GHz

**IMD**  
-120 dBm

**Operational temperatures**  
°C: From -40° to +85°  
°F: From -40° to +185°

**Moisture Resistance**  
Passed the IP 67 test

**Plating**  
Silver/NITIN-6™

**Insulation**  
TPX

### Developed for Digital Cellular Systems

Corning RF panel receptacles are developed for use in RF-radio applications such as antennas, transmitters, receivers and filters where excellent performance is required.

### Design

Corning RF receptacles are designed to operate under harsh climatic conditions with excellent overall performance. The Nitin-6™ plating ensures the finest protection against any kind of corrosion.

All types are made for inner conductor soldering connection. Female versions can be front- or rear mounted. O-rings ensure a moisture proof mounting to the panel.

### Available Versions

Corning RF Receptacles are available in 7/16 DIN male and female types - in long and short versions.

Customer specified OEM versions can be manufactured on request.

### Standard Types

Description	Item Number
7/16F-Female Short 5.2/9.5	88520000
7/16F-Female Short 3.0/9.3	88520001
7/16F-Female Long 5.2/9.5	88520002
7/16M-Male Short 5.2/9.5	88500000
7/16M-Male Short 3.0/9.3	88500001
7/16M-Male Long 5.2/9.5	88500002



7/16F, long and short version



7/16M, long and short version



For moisture proof installation

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