

# Coaxial Specifications

# Connector

## Moisture Migration:

- Passes SCTE interface moisture migration test (SCTE IPS TP 013)

## Water Immersion:

- Passes Bellcore water immersion test (GR-1503-CORE)

## Electrical Characteristic:

- Bandwidth: min 3 GHz
- Impedance: 75 Ohms nominal
- Shielding Effectiveness: better than -80 dB

## Pull Force:

- Pull force exceeds SCTE Recommendations

## Port Interface:

- Meets SCTE IPS SP 401 recommended "F" port interface specification

## Materials and Construction of Connector Components

### Body:

- Black UV resistant polymer

### Shell & Nut:

- C36000 Brass Alloy with nickel plating

### Post:

- C36000 Brass Alloy with bright tin plating

### Cable Preparation:

- One step cable preparation of 1/4 "[6.5 mm ] Braid and Dielectric and 5/16: [8.0 mm] center conductor

## **Tool Examples**

Compression Tool:

- VT200 from Perfect Vision

Cable Preparation Tool:

- G-CPT-6590 or equivalent