086 Semi-rigid Coax Cable with Copper Outer Conductor

### Configuration
- **Inner Conductor Material and Plating**: Copper Clad Steel, Silver
- **Dielectric Type**: PTFE
- **Shield Materials**: Copper
- **Jacket Material and Color**: Tan

### Electrical Specifications
- **Impedance, Ohms**: 50
- **Maximum Operating Frequency, GHz**: 40
- **Dielectric Withstanding Voltage, Vrms**: 5,000

### Electrical Specifications by Frequency

#### Frequency 1
- **Frequency, MHz**: 1000
- **Attenuation, dB/100ft [dB/100m]**: 22 [72.18]
- **Power Handling, Watts**: 130

#### Frequency 2
- **Frequency, GHz**: 10
- **Attenuation, dB/100ft [dB/100m]**: 80 [262.47]
- **Power Handling, Watts**: 35

#### Frequency 3
- **Frequency, GHz**: 20
- **Attenuation, dB/100ft [dB/100m]**: 120 [393.7]
- **Power Handling, Watts**: 20

### Mechanical Specifications
- **Temperature**: Operating Range, deg C: -55 to +125
- **Inner Conductor**:
  - **Number of Strands**: 1
  - **Material**: Copper Clad Steel
  - **Plating**: Silver
  - **Diameter, in [mm]**: 0.02 [0.51]
- **Dielectric**:
  - **Type**: PTFE
  - **Diameter, in [mm]**: 0.066 [1.68]

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: 086 Semi-rigid Coax Cable with Copper Outer Conductor RG405/U-STRAIGHT
086 Semi-rigid Coax Cable with Copper Outer Conductor

<table>
<thead>
<tr>
<th>Shield:</th>
<th>RG405/U-STRAIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of</td>
<td>1</td>
</tr>
<tr>
<td>Material 1</td>
<td>Copper</td>
</tr>
<tr>
<td>Diameter, in [mm]</td>
<td>0.087 [2.21]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Jacket:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Tan</td>
</tr>
<tr>
<td>Weight, lbs/ft [Kg/m]</td>
<td>0.015 [0.02]</td>
</tr>
</tbody>
</table>

**Compliance Certifications** (visit www.Pasternack.com for current document)  
RoHS Compliant: Yes

**Plotted and Other Data**  
Notes: Values at 25 °C, sea level

086 Semi-rigid Coax Cable with Copper Outer Conductor from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: 086 Semi-rigid Coax Cable with Copper Outer Conductor RG405/U-STRAIGHT
