

# PRODUCT SPECIFICATIONS

## 6G\_75ohm Connectors

### 1.0/2.3 Straight Plug Crimp for 1855A cable

[40470108023001\(47-01-2-1855A-TGG/N\)](#)



## Electrical

|                                 |   |
|---------------------------------|---|
| Impedance                       | 75 Ω  |
| Frequency Range                 | DC to 6 GHz   |
| V.S.W.R                         | 1.3 max. @6 GHz   |
| Voltage Rating                  | 250 volts rms. at sea level   |
| Dielectric Withstanding Voltage | 750 volts rms. at sea level   |
| Insulation Resistance           | 1,000 Megohms min.  |
| Contact Resistance              | Center contact = 3.0 Milliohms max.<br>Outer contact = 6.0 Milliohms max. |
| Power Handling                  | 80W   |

## Mechanical

|                          |                                |
|--------------------------|--------------------------------|
| Mechanical               | "Push Pull" snap-on coupling   |
| Durability               | 500 Cycles                     |
| Center contact retention | 2.2 lbs Axial force mating end |

## Material

|                |                          |
|----------------|--------------------------|
| Connector Body | Brass / Beryllium Copper |
| Center Contact | Brass                    |
| Insulation     | PTFE                     |

## Environmental

|             |   |
|-------------|---|
| Temperature | -55°C to 125°C                                |
| Vibration   | Refer to MIL-STD-202 Method 204 Test Cond. B. |
| Salt Spray  | Refer to MIL-STD-202 Method 101 Test Cond. B. |

## Related Documents

|                       |                       |
|-----------------------|-----------------------|
| Assembly instructions | <a href="#">CM-03</a> |
|-----------------------|-----------------------|

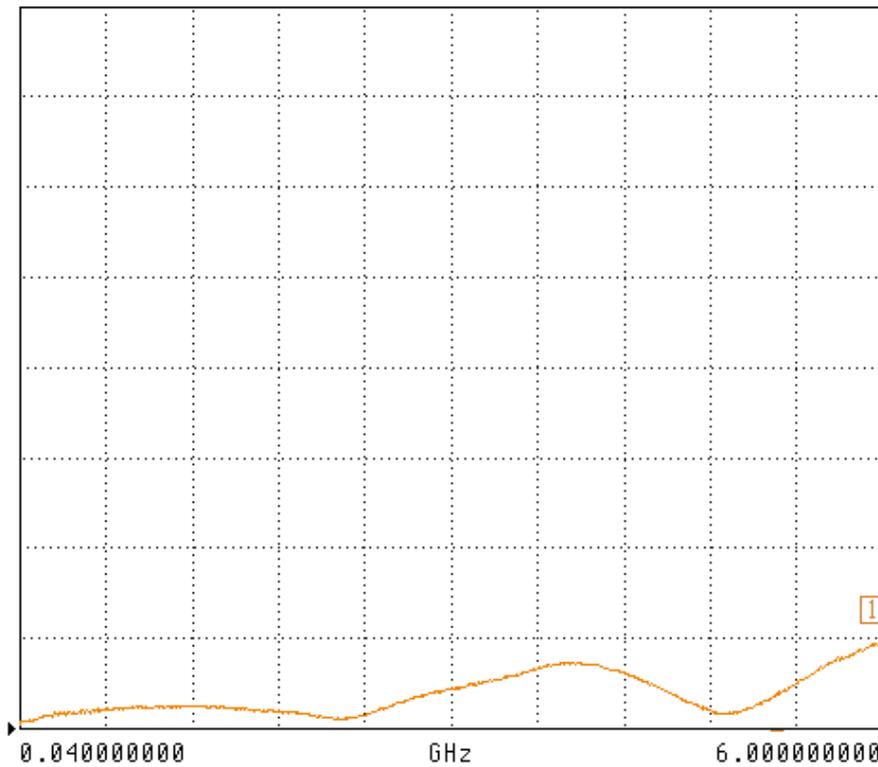
# Test Report

S11 FORWARD REFLECTION

SWR

REF=1.000 U

100.000 mU/DIV



CH 3 - S11  
0.0000 mm REF  
0.000 dB OFFSET  
0.00° OFFSET

MARKER 1  
5.992550000 GHz  
1.095 U

▶ MARKER TO MAX  
MARKER TO MIN

MARKER READOUT  
FUNCTIONS