# 2.92mm 4 Hole Flange Female to G3PO (SMPS) Female Cable Assembly, RG-405SS Flexible Coax Cable, DC–40 GHz

Coaxial cable assembly · DC–40 GHz · 2.92mm / G3PO female / female · 9 lengths, 100 mm to 1000 mm



## Overview

2.92mm 4 Hole Flange Female to G3PO (SMPS) Female Cable Assembly, rated DC–40 GHz. Available in 9 lengths from 100 mm to 1000 mm, listed below. All figures are the maker's datasheet values. Ships from US stock.

## Applications

- Connecting instruments, modules and antennas
- Test-bench and lab wiring
- Integration in RF and radar test setups

## Specifications

| | |
|---|---|
| **Frequency** | DC–40 GHz |
| **Impedance** | 50 Ω |
| **Connector 1** | 2.92 mm female straight; stainless steel, passivated |
| **Connector 2** | G3PO female straight; beryllium copper, gold |
| **VSWR / return loss** | 12 dB to 40 GHz |
| **RF leakage** | 100 dB |
| **Cable type** | Flexible |
| **Cable outer diameter** | 2.64 mm |
| **Connector 1 mount method** | 4 Hole Flange |
| **Mating cycles, min** | ≥500 |
| **Operating temperature** | −45 °C to +125 °C |

| | |
|---|---|
| **RoHS** | Yes |
| **Inner conductor material** | Silver Plated Copper Wire |
| **Dielectric material** | PTFE |
| **Jacket material** | FEP |
| **Cable color** | Turquoise |
| **Minimum bend radius** | 6 mm |
| **Capacitance (pF/m)** | 96.5 |
| **Velocity of propagation** | 70% |
| **Shielding effectiveness** | < −100 dB @ 1 GHz |

## Options (Length)

**100 mm** · SKU KYM-US-CBL-0193-100

| | |
|---|---|
| **Insertion loss** | ≤ 1.32 dB at 40 GHz |
| **Length tolerance** | ±3 mm |

**150 mm** · SKU KYM-US-CBL-0193-150

**200 mm** · SKU KYM-US-CBL-0193-200

| | |
|---|---|
| **Insertion loss** | ≤ 1.94 dB at 40 GHz |
| **Length tolerance** | ±3 mm |

**250 mm** · SKU KYM-US-CBL-0193-250

**300 mm** · SKU KYM-US-CBL-0193-300

| | |
|---|---|
| **Insertion loss** | ≤ 2.56 dB at 40 GHz |
| **Length tolerance** | ±3 mm |

**400 mm** · SKU KYM-US-CBL-0193-400

**500 mm** · SKU KYM-US-CBL-0193-500

| | |
|---|---|
| **Insertion loss** | ≤ 3.82 dB at 40 GHz |
| **Length tolerance** | ±5 mm |

**800 mm** · SKU KYM-US-CBL-0193-800

| | |
|---|---|
| **Insertion loss** | ≤ 5.66 dB at 40 GHz |
| **Length tolerance** | ±5 mm |

**1000 mm** · SKU KYM-US-CBL-0193-1000

| | |
|---|---|
| **Insertion loss** | ≤ 6.9 dB at 40 GHz |
| **Length tolerance** | ±10 mm |

Values are typical or maximum figures stated in the manufacturer's datasheet, not a Kymopsis lab report. Ask us for the manufacturer's test data where one exists.

Passive RF component for laboratory, development and integration use. It does not transmit on its own and carries no FCC, CE or other equipment certification claim.

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