# 2.92mm Female to GPO (SMP) Female Cable Assembly, 086" Semi-Flexible Coax Cable with FEP Jacket, DC–40 GHz

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



## Overview

2.92mm Female to GPO (SMP) 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** | GPO female straight; beryllium copper, gold |
| **VSWR / return loss** | 12 dB to 40 GHz |
| **RF leakage** | 110 dB |
| **Cable type** | .086" Semi-Flexible cable |
| **Cable outer diameter** | 2.54 mm |
| **Mating cycles, min** | ≥500 |
| **Operating temperature** | −40 °C to +125 °C |
| **RoHS** | Yes |
| **Inner conductor material** | Silver Plated Copper Covered Steel (SCCS) |
| **Dielectric material** | Solid extruded PTFE |

| | |
|---|---|
| **Jacket material** | FEP |
| **Cable color** | Blue |
| **Minimum bend radius** | 6 mm |
| **Capacitance (pF/m)** | 94 |
| **Velocity of propagation** | 71% |
| **Shielding effectiveness** | < −110 dB @ 1 GHz |

## Options (Length)

**100 mm** · SKU KYM-US-CBL-0177-100

**150 mm** · SKU KYM-US-CBL-0177-150

**200 mm** · SKU KYM-US-CBL-0177-200

**250 mm** · SKU KYM-US-CBL-0177-250

**300 mm** · SKU KYM-US-CBL-0177-300

**400 mm** · SKU KYM-US-CBL-0177-400

**500 mm** · SKU KYM-US-CBL-0177-500

**800 mm** · SKU KYM-US-CBL-0177-800

**1000 mm** · SKU KYM-US-CBL-0177-1000

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.

Kymopsis · kymopsis.com · support@kymopsis.com. Specifications may change without notice. Custom lengths, connectors and bands: kymopsis.com/b2b/