2.4mm Male to G3PO (SMPS) Female Cable Assembly, 086" Semi-Flexible Coax Cable with FEP Jacket, DC–50 GHz

Coaxial cable assembly · DC–50 GHz · 2.4mm / G3PO male / female · 7 lengths, 100 mm to 500 mm



Overview

2.4mm Male to G3PO (SMPS) Female Cable Assembly, rated DC–50 GHz. Available in 7 lengths from 100 mm to 500 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–50 GHz
Impedance	50 Ω
Connector 1	2.4 mm male straight; stainless steel, passivated
Connector 2	G3PO female straight; cube, gold
VSWR / return loss	12 dB to 50 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-0116-100

Insertion loss	≤ 1.40 dB at 50 GHz
Length tolerance	±3 mm

150 mm · SKU KYM-US-CBL-0116-150

Insertion loss	≤ 1.75 dB at 50 GHz
Length tolerance	±3 mm

200 mm · SKU KYM-US-CBL-0116-200

Insertion loss	≤ 2.10 dB at 50 GHz
Length tolerance	±3 mm

250 mm · SKU KYM-US-CBL-0116-250

Insertion loss	≤ 2.45 dB at 50 GHz
Length tolerance	±3 mm

300 mm · SKU KYM-US-CBL-0116-300

Insertion loss	≤ 2.80 dB at 50 GHz
Length tolerance	±3 mm

400 mm · SKU KYM-US-CBL-0116-400

Insertion loss	≤ 3.45 dB at 50 GHz
Length tolerance	±5 mm

500 mm · SKU KYM-US-CBL-0116-500

Insertion loss	≤ 4.10 dB at 50 GHz
Length tolerance	±5 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.

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