2.92mm Male to 2.4mm Male RF Cable Assembly, 3507 Series Low Loss Phase Stable Flexible Coax, DC–40 GHz, 2.8dB/m @40 GHz, Ø3.6mm

Coaxial cable assembly · DC–40 GHz · 2.92mm / 2.4mm male / male · 8 lengths, 200 mm to 2000 mm



Overview

2.92mm Male to 2.4mm Male RF Cable Assembly, rated DC–40 GHz. Available in 8 lengths from 200 mm to 2000 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 male straight; stainless steel, passivated
Connector 2	2.4 mm male straight; stainless steel, passivated
VSWR	1.35
RF leakage	100 dB
Cable type	3507 Series Flexible cable
Cable outer diameter	3.6 mm
Mating cycles, min	≥500
Operating temperature	−55 °C to +125 °C
RoHS	Yes
Inner conductor material	Silver plated copper
Dielectric material	ePTFE

Jacket material	FEP
Cable color	Gray
Minimum bend radius	12.7 mm
Capacitance (pF/m)	86
Velocity of propagation	82%
Shielding effectiveness	>100 dB

Options (Length)

200 mm · SKU KYM-US-CBL-0216-200

300 mm · SKU KYM-US-CBL-0216-300

500 mm · SKU KYM-US-CBL-0216-500

800 mm · SKU KYM-US-CBL-0216-800

1000 mm · SKU KYM-US-CBL-0216-1000

1200 mm · SKU KYM-US-CBL-0216-1200

1500 mm · SKU KYM-US-CBL-0216-1500

2000 mm · SKU KYM-US-CBL-0216-2000

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/