2.92mm Female to MMPX Female Cable Assembly, 3506 Series Low Loss Phase Stable Flexible Coax Cable, DC–40 GHz

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



Overview

2.92mm Female to MMPX 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	MMPX female straight; brass, gold
VSWR / return loss	14 dB to 40 GHz
RF leakage	100 dB
Cable type	GT3506 flexible cable
Cable outer diameter	2.2 mm
Mating cycles, min	≥500
Operating temperature	−55 °C to +125 °C
RoHS	Yes
Inner conductor material	Silver Plated Copper Wire

Dielectric material	LD-PTFE
Jacket material	FEP
Cable color	Gray
Minimum bend radius	11 mm
Capacitance (pF/m)	94
Velocity of propagation	82%
Shielding effectiveness	< −100 dB @ 1 GHz

Options (Length)

100 mm · SKU KYM-US-CBL-0186-100

150 mm · SKU KYM-US-CBL-0186-150

200 mm · SKU KYM-US-CBL-0186-200

250 mm · SKU KYM-US-CBL-0186-250

300 mm · SKU KYM-US-CBL-0186-300

400 mm · SKU KYM-US-CBL-0186-400

500 mm · SKU KYM-US-CBL-0186-500

800 mm · SKU KYM-US-CBL-0186-800

1000 mm · SKU KYM-US-CBL-0186-1000

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/