SMA Male to SMA Female Cable Assembly, 311A Series Low-Loss Phase-Stable Microwave Coaxial Cable With Type 1 Armor, OD 15mm, DC–18 GHz

Coaxial cable assembly · DC–18 GHz · SMA male / female · 12 lengths, 500 mm to 10000 mm



Overview

SMA Male to SMA Female Cable Assembly, rated DC–18 GHz. Available in 12 lengths from 500 mm to 10000 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–18 GHz
Impedance	50 Ω
Connector 1	SMA male straight; stainless steel, passivated
Connector 2	SMA female straight; stainless steel, passivated
VSWR	<1.35
RF leakage	100 dB
Cable type	311A Low Loss Flexible Cable
Cable outer diameter	7.9 mm
Armor type	A1(Polyurethane Jacket Over Braid Stainless Steel Spiral)
Mating cycles, min	≥500
Operating temperature	−40 °C to +125 °C
RoHS	Yes
Inner conductor material	Silver Plated Copper (SPC)

Dielectric material	LD-PTFE
Jacket material	FEP
Cable color	Blue
Minimum bend radius	31.75 mm
Capacitance (pF/m)	80
Velocity of propagation	82%
Shielding effectiveness	<-100 dB

Options (Length)

500 mm · SKU KYM-US-CBL-0451-500

600 mm · SKU KYM-US-CBL-0451-600

800 mm · SKU KYM-US-CBL-0451-800

1000 mm · SKU KYM-US-CBL-0451-1000

1500 mm · SKU KYM-US-CBL-0451-1500

2000 mm · SKU KYM-US-CBL-0451-2000

2500 mm · SKU KYM-US-CBL-0451-2500

3000 mm · SKU KYM-US-CBL-0451-3000

5000 mm · SKU KYM-US-CBL-0451-5000

6000 mm · SKU KYM-US-CBL-0451-6000

8000 mm · SKU KYM-US-CBL-0451-8000

10000 mm · SKU KYM-US-CBL-0451-10000

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/