



RoHS Compliant

Description

Rosenberger: Cable: RTK-Flex 405
Connector Combination: SMA (m) straight / SMA (m) straight
Length in millimeters: (XXXXX mm)
Electrical pair matching (Y): A: Pair-matched, 5.0 ps @midband
Single pack (1 pair per bag)
RoHS Compliant: Yes

General Electrical Specifications

Impedance: 50 ± 2 Ohms
Operating Frequency: DC to 18 GHz
Return Loss: 15 dB minimum up to 18 GHz
Cable Insertion Loss: 3.64 dB/m @ 18 GHz (typical)
Velocity of Propagation (%): 70% nominal
Shielding Effectiveness: >100 dB @ 1 GHz
Working Voltage: 480 Vrms

Mechanical Specification

Cable Diameter: 2.57mm nominal
Minimum Bend Radius: Static: 7.6mm; dynamic: 15mm
Mating Torque: SMA 0.8 Nm to 1.1Nm
Mating Cycles: > 500
Temperature Range: -40°C to +125°C

MATERIALS AND FINISHES

Cable: RTK-Flex 405-FEP; SPC Center Conductor,
Connector Interface: Per MIL-STD-348A
Connector Types, Material & Plating: Coupling Nut: passivated stainless steel
Outer Contact: gold plated beryllium copper or
equivalent
Center Conductor: gold plated brass