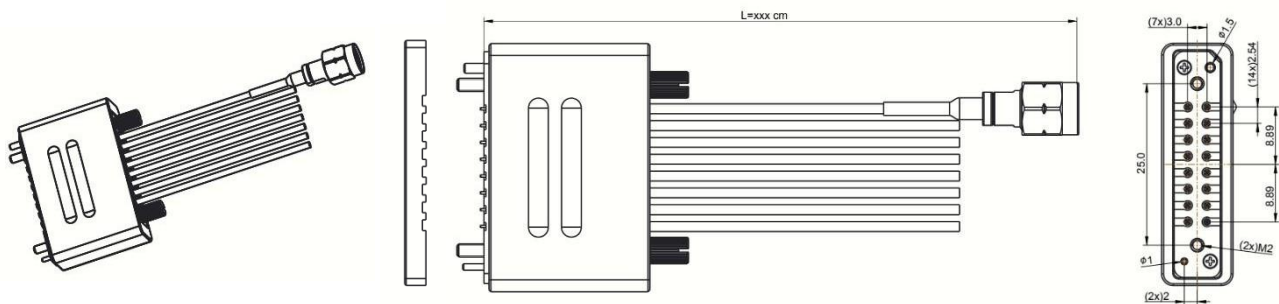


# Multi-coaxial Cable Assembly Datasheet



## RCM7-SD16-xxxS-5YA



### Configuration

Connector 1 Type	SLC70 male, acc.to Dloorplf internal interface
Connector 2 Type	2.4mm Male
Connector Body1	Aluminum Alloy/Anodizing
Connector Body2	Stainless steel (SUS303), Passivation
Cable Type	Low Loss Stable Phase
Cable Diameter	1.5mm

### Electrical Characteristics

Impedance	50Ω
Frequency Range	DC to 50GHz
Return Loss	TBD
Insertion Loss	≤0.1dB/cm x Length (cm)+1.6dB, DC to 50GHz
Phase Mating	±2ps

### Mechanical Properties

Mechanical Life	500 cycles
-----------------	------------

### Environment Data

Working Temperature	-40℃ to +125℃
---------------------	---------------

[illegible]

The given layout is not optimized to fit all of the possible board configurations regarding RF-performance, it represents a recommendation for optimum solderability of the connector. In order to guarantee optimum high frequency properties of the connector, an RF-analysis of the connector to board translation is recommended.

P/N	Description
RCM7-SD16-015S-5YA	Multi-coaxial Cable Assembly, SLC70(M) breakout to 2.4(M),2x8, DC to 50GHz, length 15cm
RCM7-SD16-030S-5YA	Multi-coaxial Cable Assembly, SLC70(M) breakout to 2.4(M),2x8, DC to 50GHz, length 30cm
RCM7-SD16-xxxS-5YA	Multi-coaxial Cable Assembly, SLC70(M) breakout to 2.4(M),2x8, DC to 50GHz, length xxx cm