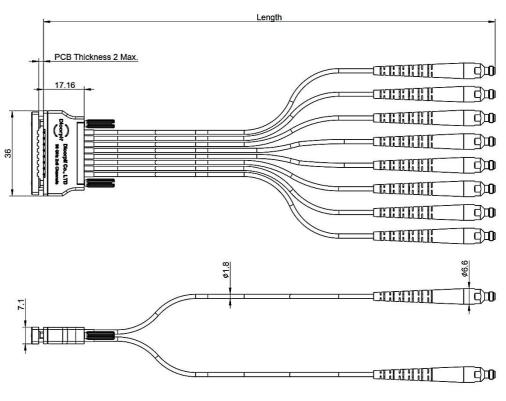
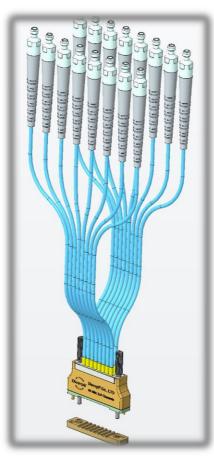
2x8 Multi-channels cable assembly SLC90, AD series, Stripline PCB



RCA9-WF16-xxxS-9YS





*Dimensions in mm

Configuration

1x8 Multi-channels interface	SLC90, AD type, acc. to internal standard
Connector type	1.0 female
Connector Body	Aluminum Alloy/Anodizing
Cable Type	Low Loss Stable Phase
Cable Diameter	1.8 mm

Electrical Characteristics

Impedance	50Ω
Frequency Range	DC to 90 GHz
Insertion Loss	≤0.5dB+0.12 dB x L (cm), DC to 90 GHz
Return Loss	≤1.5, @ DC to 90 GHz, based on length:300cm
Phase Mating	± 8°

Mechanical Properties

Mating cycles	500 cycles
---------------	------------

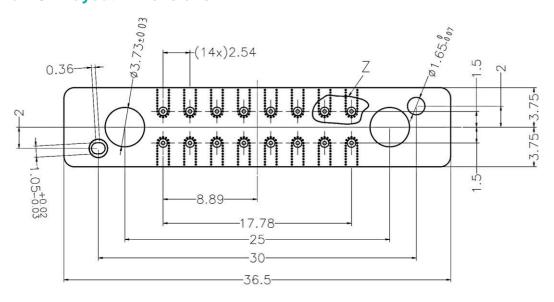
2x8 Multi-channels cable assembly SLC90, AD series, Stripline PCB

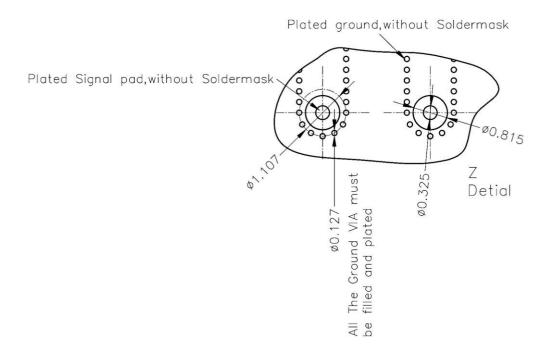


Environment Data

Working Temperature	-45°C to ~+85°C
---------------------	-----------------

Recommend PCB Layout Dimensions





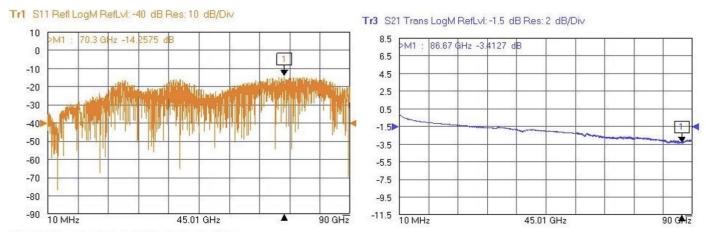
Notice:

The given dimensions is not optimized to fit all of the possible board configurations regarding RF-performance, it represent 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.

2x8 Multi-channels cable assembly SLC90, AD series, Stripline PCB



Typical RF Characteristic, 90GHz



Order Information

Oraci illiorillation		
P/N	Description	
RCA9-WF16-xxxS-9YS	SLC 90 AD series, 2x8 Multi-channels to 1.0 Female, DC to 90 GHz,	
	Footprint Type: Stripline, Length xxx cm	
RCA9-WF16-015S-9YS	SLC 90 AD series, 2x8 Multi-channels to 1.0 Female, DC to 90 GHz,	
	Footprint Type: Stripline, Length 15cm	
RCA9-WF16-030S-9YS	SLC 90 AD series, 2x8 Multi-channels to 1.0 Female, DC to 90 GHz,	
	Footprint Type: Stripline, Length 30cm	