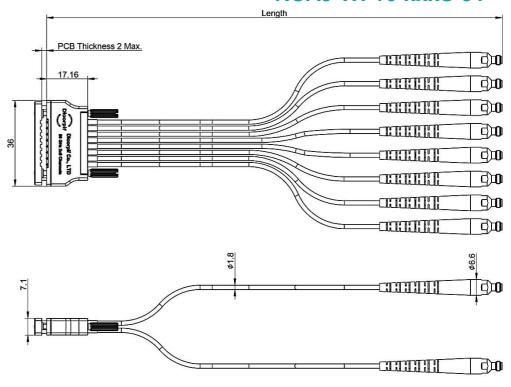
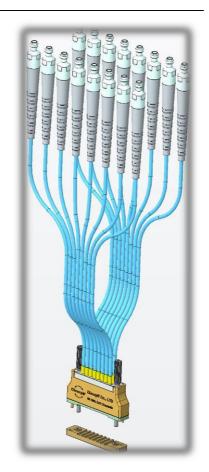
2x8 Multi-channels cable assembly SLC90, AD series, CPWG PCB Footprint



RCA9-WF16-xxxS-9Y





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

Environment Data

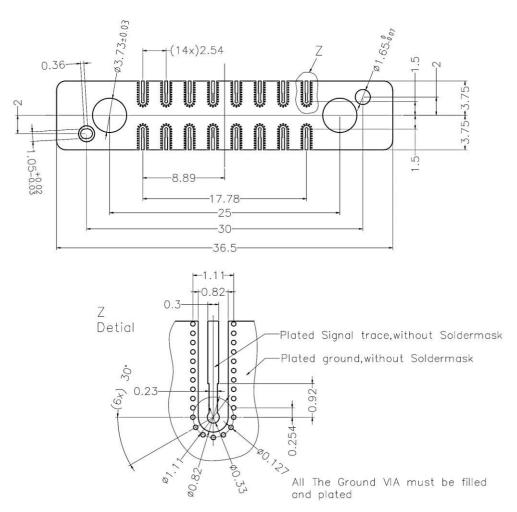
Marking Tampanara	h	-45℃ to ~+85℃
Working Tempera	ture	-45℃ to ~+85℃

^{*}Dimensions in mm

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



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.

Order Information

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