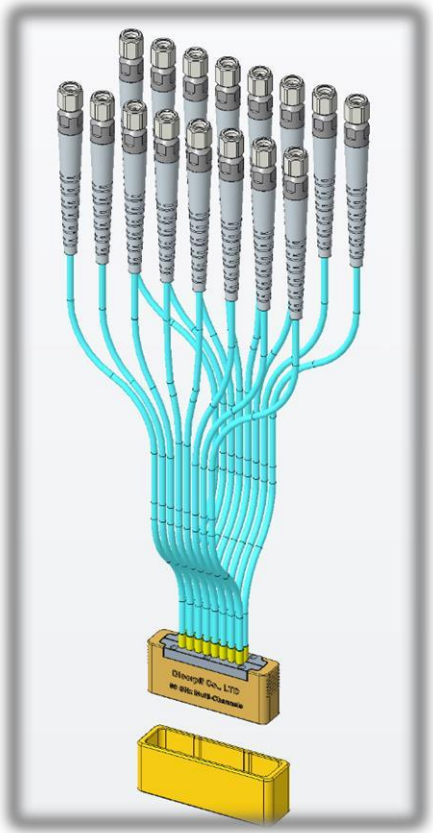
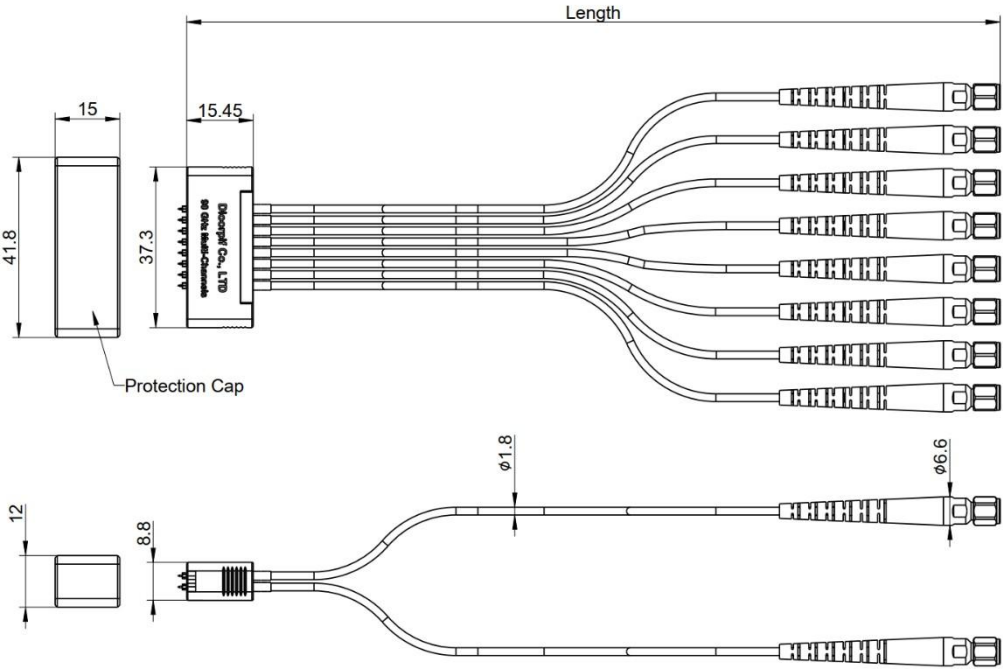


2x8 Multi-channels cable assembly SLC90, M series



RCM9-WM16-xxxS-9N



*Dimensions in mm

Configuration

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

Electrical Characteristics

Impedance	50 Ω
Frequency Range	DC to 90 GHz
Insertion Loss	$\leq 0.5\text{dB} + 0.12\text{ dB} \times L\text{ (cm)}$, DC to 90 GHz
Return Loss	≤ 1.5 , @ DC to 90 GHz, based on length:300cm
Phase Mating	$\pm 8^\circ$

Mechanical Properties

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

2x8 Multi-channels cable assembly

SLC90, M series

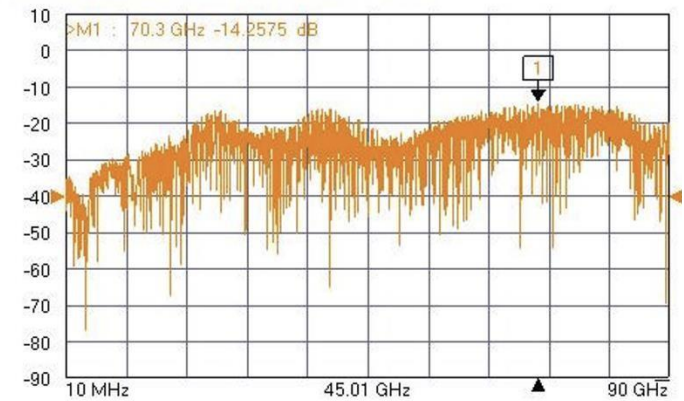


Environment Data

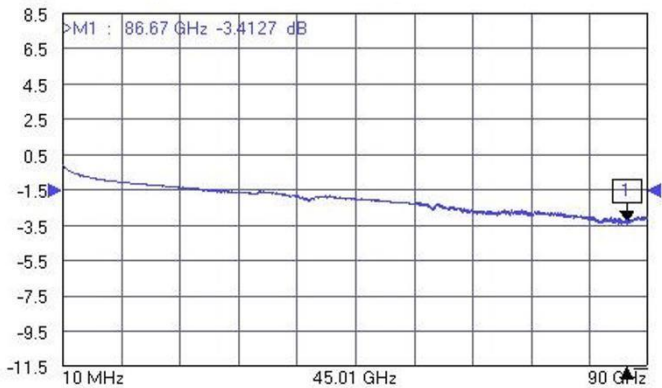
Working Temperature	-45℃ to ~+85℃
---------------------	---------------

Typical RF Characteristic, 90GHz

Tr1 S11 Refl LogM RefLvl: -40 dB Res: 10 dB/Div



Tr3 S21 Trans LogM RefLvl: -1.5 dB Res: 2 dB/Div



Order Information

P/N	Description
RCM9-WM16-xxxS-9N	SLC 90 M series, 2x8 Multi-channels to 1.0 Male, DC to 90 GHz, Length xxx cm
RCM9-WM16-015S-9N	SLC 90 M series, 2x8 Multi-channels to 1.0 Male, DC to 90 GHz, Length 15 cm
RCM9-WM16-030S-9N	SLC 90 M series, 2x8 Multi-channels to 1.0 Male, DC to 90 GHz, Length 30 cm