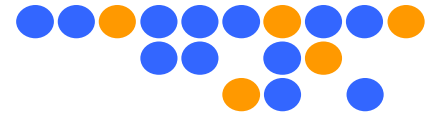


085 Cable Assemblies (SR085, SF085)



GigaLane's *SR085 cable* means Semi-Rigid cable, which diameter is 0.085 inch. Also *SF085 cable* means *Semi-Flexible* cable, which has 0.085inch diameter.

■ SR085 Cable



SR085 Specification

Parameters	Values
Cable OD (mm)	2.2
Bend Radius (mm)	3.5
Weight (g/m)	20.2
Max Frequency (GHz)	20
Operating Temp (°C)	-40~125
Dielectric Constant	2.07
VP (%)	69.5

SR085 Attenuation

Frequency (MHz)	Atten. (dB/m)	Power (W)
500	0.49	180
1,000	0.72	130
5,000	1.64	54
10,000	2.62	35
20,000	4.27	20

■ SF085 Cable



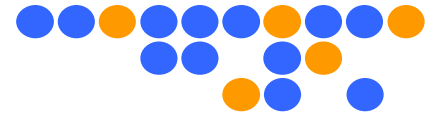
SF085 Specification

Parameters	Values
Cable OD (mm)	2.2
Bend Radius (mm)	4.5
Weight (g/m)	20.2
Max Frequency (GHz)	20
Operating Temp (°C)	-40~125
Dielectric Constant	2.07
VP (%)	69.5

SF085 Attenuation

Frequency (MHz)	Atten. (dB/m)	Power (W)
500	0.49	180
1,000	0.72	130
5,000	1.64	54
10,000	2.62	35
20,000	4.27	20

085 Cable Assemblies (SR085, SF085)



Available Connectors

	SMA	SMB	BNC	MCX	MMCX	N	2.92	2.4
SR085	✓	✓	✓	✓	✓	✓	✓	✓
SF085	✓	✓	✓	✓	✓	✓	✓	

Connectors Classification

	Male ST	Male RA	Female Flange Type				Bulkhead Screw Type			
			O type	H cut	Hex	2-Hole	4-Hole	O type	D-cut	H-cut
L-SMA	✓	✓	✓	✓	✓				✓	
H-SMA	✓			✓					✓	
SMB	✓	✓	✓							
BNC	✓	✓	✓							✓
MCX	✓	✓								
MMCX	✓	✓	✓						✓	
N	✓						✓			✓
2.92	✓			✓					✓	
2.4	✓									

How To Order

AMS-SR085-70mm (2mm/2mm)

① ② ③ ④

① : Connector Select

- AMS : SMA + Male + Straight
- BFS : SMB + Female + Straight
- CMR : BNC + Male + Right Angle
- DMS : MCX + Male + Straight
- EMR : MMCX + Male + Right Angle
- NMS : N + Male + Straight
- KFS : 2.92 + Female + Straight
- 2MS : 2.4 + Male + Straight

② : Cable Select

- SR085
- SF085

③ : Length Select

- 70mm
- 1m

④ : Strip Condition

- 2mm/2mm (teflon : 2mm, signal : 2mm)
- 3mm/1mm (teflon : 3mm, signal : 1mm)

AMS-SR085-AFS-300mm

① ② ① ③

① : Connector Select

- AMS : SMA + Male + Straight
- BFS : SMB + Female + Straight
- CMR : BNC + Male + Right Angle
- DMS : MCX + Male + Straight
- EMR : MMCX + Male + Right Angle

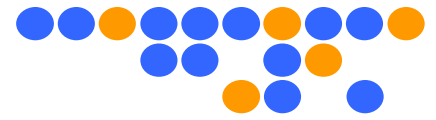
② : Cable Select

- SR085
- SF085

③ : Length Select

- 70mm
- 1m

085 Cable Assemblies (SR085, SF085)



■ Application



Module
Interconnection



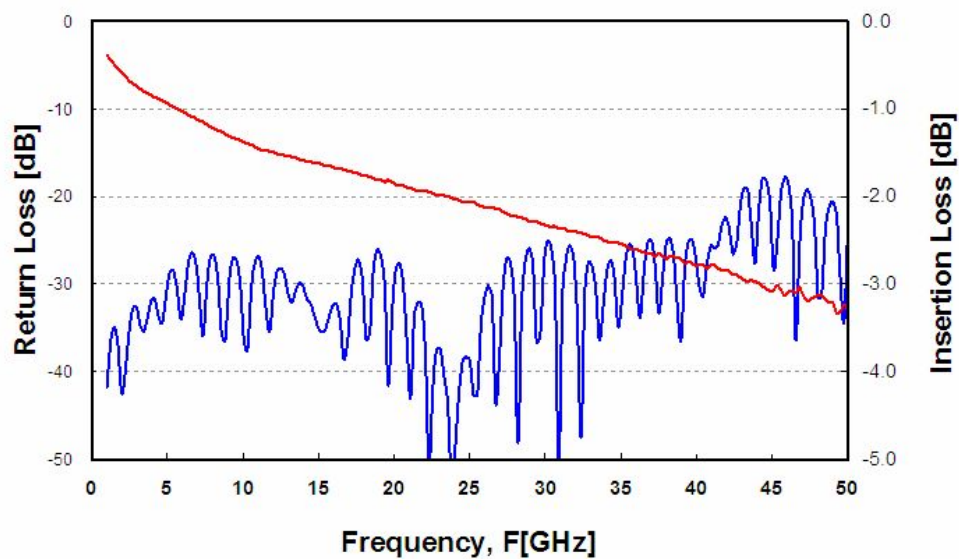
RF Test Cable

■ Performance

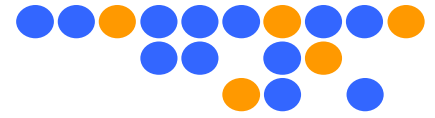
[SR085 with 50GHz 2.4mm Connectors]



2MS101-SR085M-2MS101-0.5M



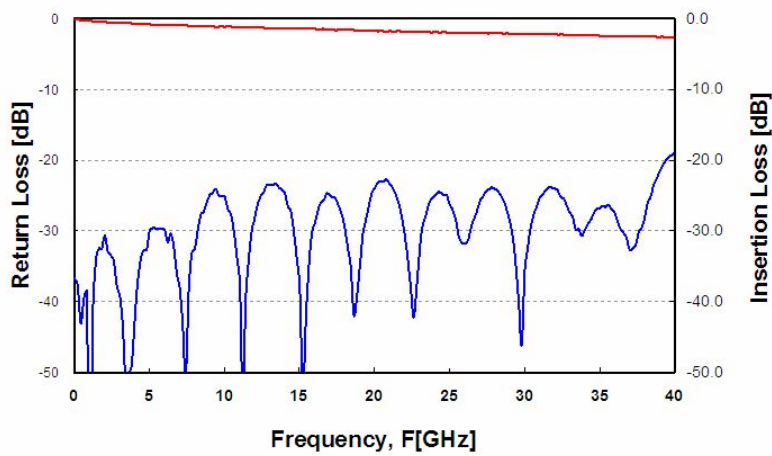
085 Cable Assemblies (SR085, SF085)



[SR085 with 40GHz K Connectors]



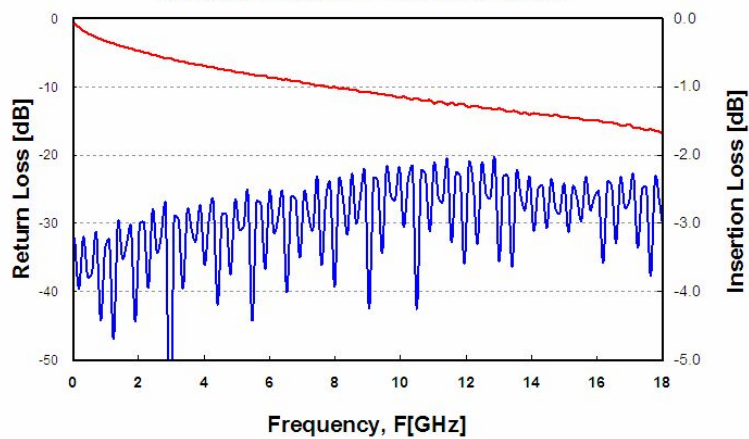
KMS301-SR085M-KMS301-0.5M



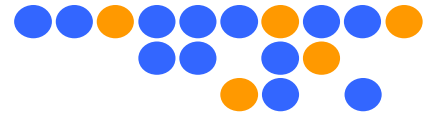
[SR085 with 18GHz SMS Connectors]



SMS302-SR085Y-SMS302-0.5M



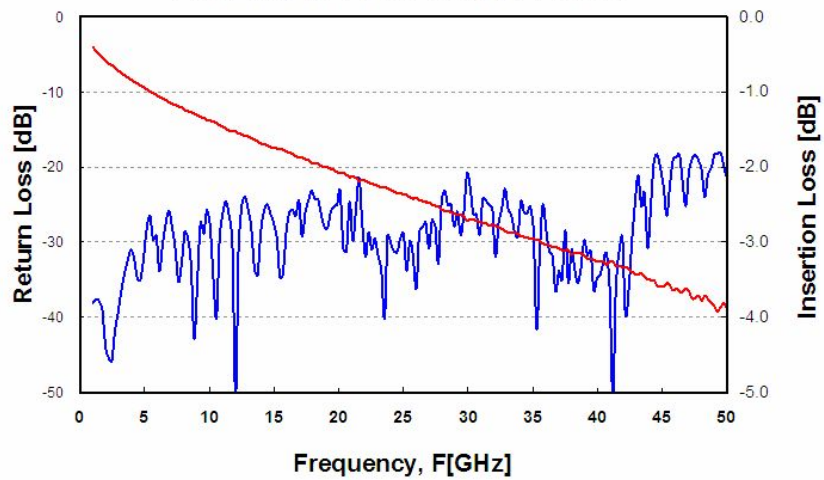
085 Cable Assemblies (SR085, SF085)



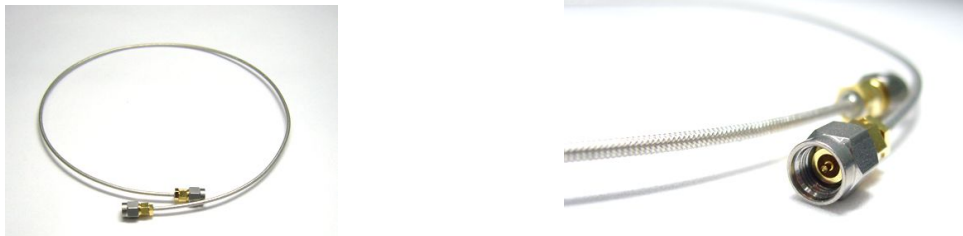
[SF085 with 50GHz 2.4mm Connectors]



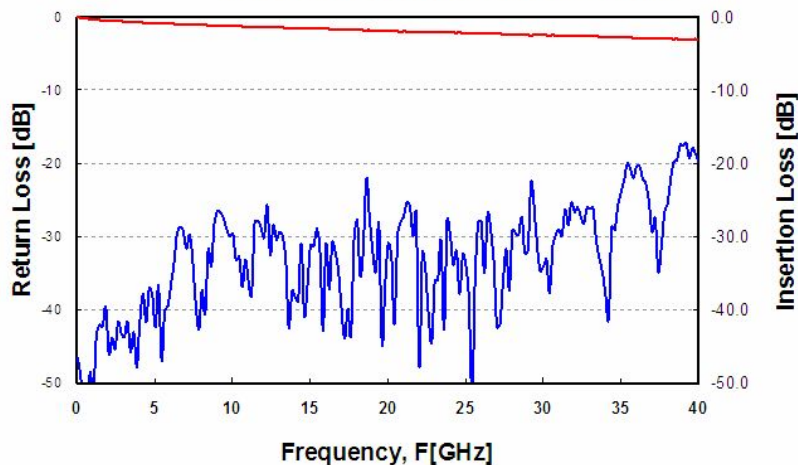
2MS101-SF085M-2MS101-0.5M



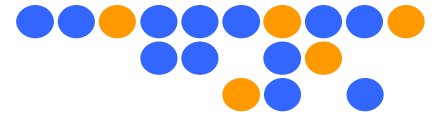
[SF085 with 40GHz K Connectors]



KMS301-SF085M-KMS301-0.5M



085 Cable Assemblies (SR085, SF085)



[SF085 with 18GHz SMS Connectors]



SMS302-SF085N-SMS302-0.5M

