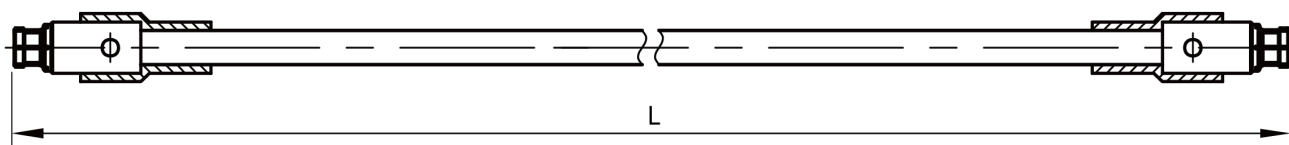




Semi-Flexible Coaxial Cable Assembly, RCR086H-SPFSPF-L SSMP Female to SSMP Female, DC-40GHz, $\phi 2.16\text{mm}$

Dimensions(mm) Tolerance $\pm 1\%$



Electrical & Environmental

Frequency Range	DC-40GHz, 50 Ohms
Avg Power@25°C	14W @40GHz
IL@1M	6 dB Max @40GHz
VSWR	1.5 Max
Capacitance	95 pF/m
VOP	70%
SE	100dB Min
Voltage	1000V@DC
OT	-55~+125°C

Product Information

Product Number	RCR086H-SPFSPF-L
Product Type	Semi-Flexible Coaxial Cable Assembly
Cable	RCR086H
Connector	SSMP Female to SSMP Female
Connector Body	Gold plated beryllium copper
Center Contact	Gold plated beryllium copper
Bend Radius	6.00mm
Bend Radius (Rep.)	20.00mm

Customized services: including connectors, length, phase matching/tracking, time delay, and better electrical performance.

RCR086H Structure Characteristics



Structure	Material	$\Phi D(\text{mm})$
1.Center Conductor	Single-core Silver-plated Copper	0.51
2.Dielectric	PTFE	1.60
3.Outer Shield	Tin-plated Copper Wire Braiding+Tin Soaked	2.16

Product Selection and Loss Index @25°C

RFTOP P/N	3GHz	22GHz	40GHz
RCR086H-SPFSPF-100	0.62 dB	0.87 dB	1.05 dB
RCR086H-SPFSPF-150	0.68 dB	1.06 dB	1.32 dB
RCR086H-SPFSPF-200	0.74 dB	1.24 dB	1.60 dB
RCR086H-SPFSPF-300	0.86 dB	1.62 dB	2.15 dB
RCR086H-SPFSPF-600	1.22 dB	2.73 dB	3.80 dB
RCR086H-SPFSPF-1M	1.69 dB	4.22 dB	6.00 dB



Semi-Flexible Coaxial Cable Assembly, **RCR086H-SPFSPF-L** SSMP Female to SSMP Female, DC-40GHz, $\varnothing 2.16\text{mm}$

Typical Test Data

RCR086H-SPFSPF-100

