

# Soft Rigid Cable with Right-angle Vertical Connector

*Soft Rigid Cable Assembly*

## Product Profile

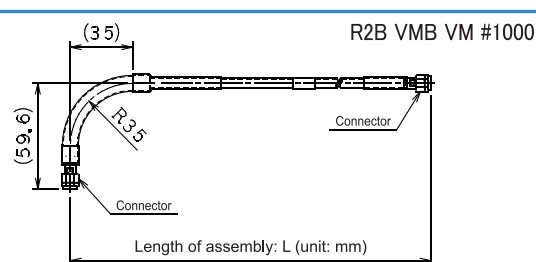
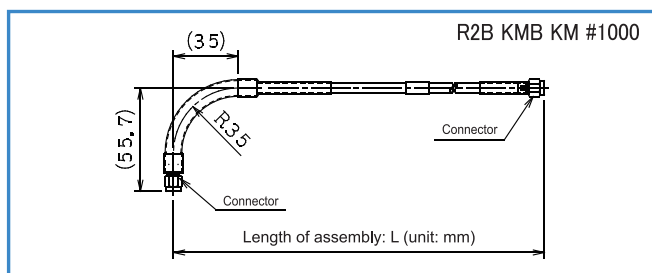
Soft Rigid Cable is developed to measure microwave and millimeter wave. This cable assembly is perfect to measure device with high frequency. We developed right-angle vertical type connector and added to the series.

## Features

1. Insertion loss is as low as semi-rigid cable and high phase stability vs. flexure. Low VSWR.
2. Light weight and flexible (formable by hand).
3. Using SUS304 right angle part material for protection and stable measurement.
4. Perfect for probing with vertical connector.



## Product



## Products Specification

Requirement	R2B KMB KM #1000	R2B VMB VM #1000
Cable Type	R2B(SP-20R)	
Characteristic Impedance	50 $\Omega$	
Insertion Loss at 10GHz	2.0dB	2.0dB
Insertion Loss at 18GHz	2.8dB	2.8dB
Insertion Loss at 40GHz	4.1dB	4.1dB
Insertion Loss at 65GHz	—	5.6dB
V.S.W.R.	1.35(at 40GHz)	1.35(at 65GHz)
Outer Conductor	Oxygen-free seamless copper pipe	
Inner Conductor	Silver-plated copper-clad steel wire	
Insulator	Low-loss PTFE	
Outer sheath	Polyolefin	
Operating (conservation) temperature range	-55 ~ 105°C	
Outer sheath Diameter	$\phi$ 6.3mm	
Right angle	SUS304 Nickel plating	
Connector used	2.92mmK/P	1.85mmV/P
Minimum flexing radius	40mm	

\*Cable length is indicated 4 digits with # (unit = mm), minimum length is 600mm.

## ► Data

◆R2B VMB VM # 1000

