

# 1.0mmW Flexible Cable Assy (DC ~ 110GHz)



## Overview

Now flexible cable with 1.0mmW connectors is available and adding to our line-up.

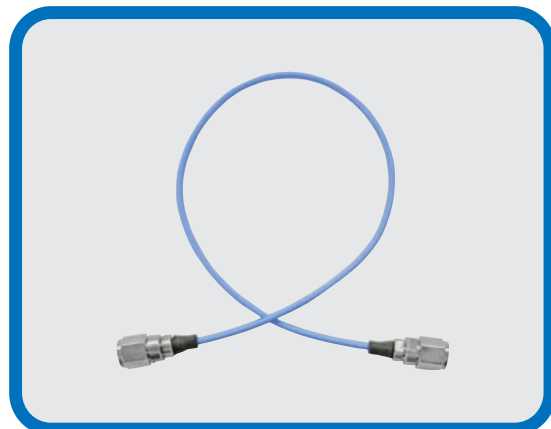
## Feature

Cable is Soft and flexible. Length is fully adjustable for assembly.

## Application

Connecting internal and external layout for millimeter wave signals

## Typical Specification



Model name	02W2647#□□□□	02W2646#□□□□
Cable model No.	SWF-12	
Characteristic impedance	50±1Ω	
Applicable frequency(GHz)	DC ~ 110	
Insertion loss(dB)(L=500mm)	2.3dB	
V.S.W.R.(L=100mm)	1.3 (at 40GHz)、1.4 (at 70GHz)、1.6 (at 110GHz)	
Outer sheath	FEP (Blue)	
Outer conductor II	Silver plated braided copper	
Outer conductor I	Flat wire (silver plated copper)	
Insulator	FEP (Natural color)	
Inner conductor	Silver plated copper-clad steel wire	
Outer sheath diameter(mm)	1.42	
Operating (conservation) temperature range	-55 ~ 125°C	
Connector used	1.0mmW/P-P	1.0mW/P-J
Minimum flexing radius	5.1mm	

\* #xxxx represent cable length(mm).

