

1.00mmW Flexible Cable Assy(DC ~ 110GHz)



Overview

Now flexible cable with 1.00mmW connectors is available and adding to our line-up.

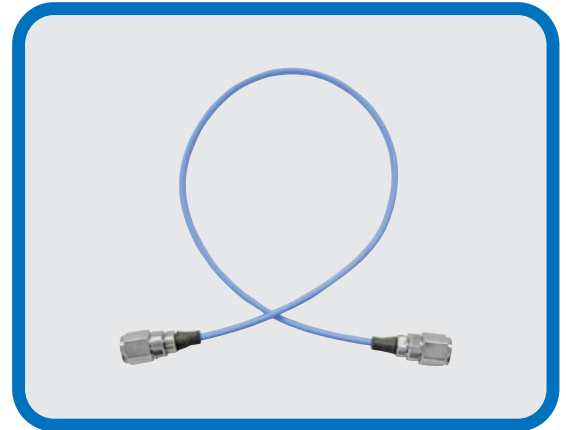
Feature

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 ± 1 Ω | |
| 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) | 1.47 ^{+0.20} _{-0.10} | |
| Operating (conservation) temperature range | -55 ~ 125°C | |
| Connector used | 1.00mmW/P-P | 1.00mW/P-J |
| Minimum flexing radius | 5.1mm | |

* #xxxx represent cable length(mm).

