

A

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## &lt;Specification&gt;

1

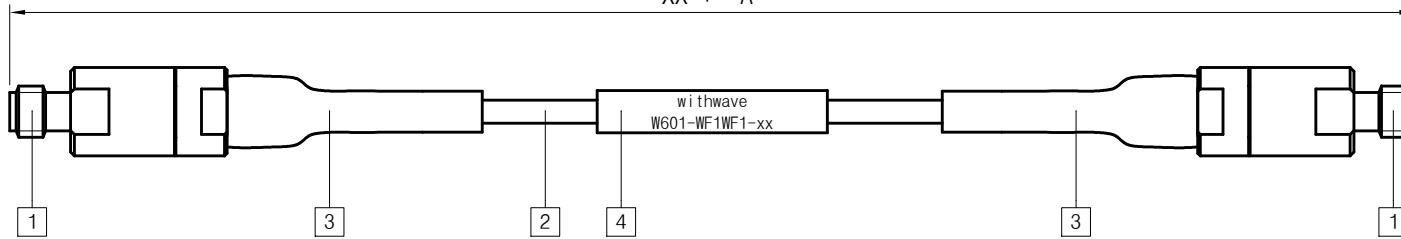
## 1. Material

- 1) Connector : 1.0mm Female(STS303, Passivated)
- 2) Cable : W601 Cable
- 3) Adhesive Shrink Tube(Black)
- 4) Marking tube(white)

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XX + "A"



## 2. Electrical

- 1) Impedance : 50Ω
- 2) Frequency range : DC to 110GHz
- 3) VSWR : 1.4 : 1(DC to 110GHz)  
Assembly to be 100% tested for Return loss and Insertion loss.
- 4) Velocity of propagation : 80%

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## 3. Mechanical

- 1) Mating cycles : 500

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## 4. Environmental

- 1) Temp. Range : -40°C to +85°C
- 2) RoHS Compliant

- 5) Cable Assembly to have protective cap assembled on each end and to be individually packaged in bag with test report.

4

Model (Part No.)	XX (Length)	"A" (Tolerance)
W601-WM1WF1-6 inch	6 inch (152.4mm)	+0.157 inch / -0 (+4.0mm / -0.0)
W601-WM1WF1-12 inch	12 inch (304.8mm)	+0.196 inch / -0 (+5.0mm / -0.0)
W601-WM1WF1-24 inch	24 inch (609.6mm)	+0.393 inch / -0 (+10.0mm / -0.0)

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Scale	N/A	Date	2025.12.01
Unit	inch	Drawn	Teri K

Title	W601 Cable Assembly 1.0mm(F)-1.0mm(F) Connector
Part No.	W601-WF1WF1-XX

**withwave**

Rev.  
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