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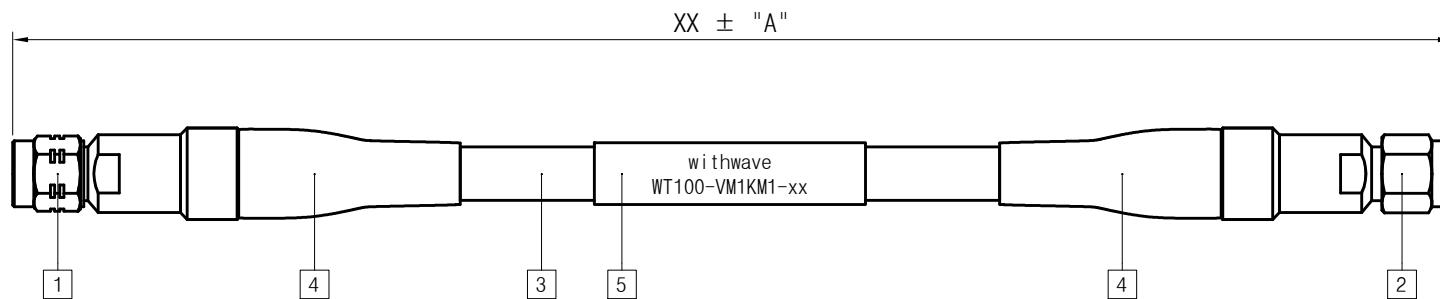
## &lt;Specification&gt;

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## 1. Material

- 1) Connector1 : 1.85mm Male(STS303, Passivated)
- 2) Connector2 : 2.92 Male(STS303, Passivated)
- 3) Cable : WT100 Cable
- 4) Adhesive Shrink Tube(Black)
- 5) Marking tube(white)

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## 2. Electrical

- 1) Impedance :  $50\Omega$
- 2) Frequency range : DC to 40GHz
- 3) VSWR : 1.3 : 1(DC to 40GHz)  
Assembly to be 100% tested for Return loss and Insertion loss.
- 4) Withstanding Voltage : 500Vrms max.  
Assembly to be 100% tested for Opens, Shorts & Hipot tested(AC or DC).  
The Hipot voltage for the assembly should be set to the end option with the lowest test voltage rating.
- 5) Velocity of propagation : 76%

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## 3. Mechanical

- 1) Durability : 500 Cycles

## 4. Environmental

- 1) Temp. Range :  $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$
- 2) RoHS Compliant

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

Model (Part No.)	XX (Length)	"A" (Tolerance)
WT100-VM1KM1-6 inch	6 inch (152.4mm)	+0.157 inch / -0    (+4.0mm / -0.0)
WT100-VM1KM1-12 inch	12 inch (304.8mm)	+0.196 inch / -0    (+5.0mm / -0.0)
WT100-VM1KM1-24 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	MS. Kim

Title	WT100 Cable Cable Assembly 1.85mm(M)-2.92mm(M) Connector		
Part No.	WT100-VM1KM1-XX		
withwave			Rev. -

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