



<Specification>

- 1. Material
  - 1) Connector : 1.0mm Female(STS303, Passivated)
  - 2) Cable : WT110 Cable
  - 3) Adhesive Shrink Tube(Black)
  - 4) Marking tube(white)
- 2. Elerctrical
  - 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%
- 3. Mechanical
  - 1) Mating cycles : 500
- 4. Environmental
  - 1) Temp. Range : -40℃ to +85℃
  - 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)
WT110-WF1WF1-6inch	6 inch (152.4mm)	+0.157 inch / -0      (+4.0mm / -0.0)
WT110-WF1WF1-12inch	12 inch (304.8mm)	+0.196 inch / -0      (+5.0mm / -0.0)
WT110-WF1WF1-24inch	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	WT110 Cable Assembly 1.0mm(F)-1.0mm(F) Connector		
Part No.	WT110-WF1WF1-xx		
<b>withwave</b>			Rev. —