<Specification>

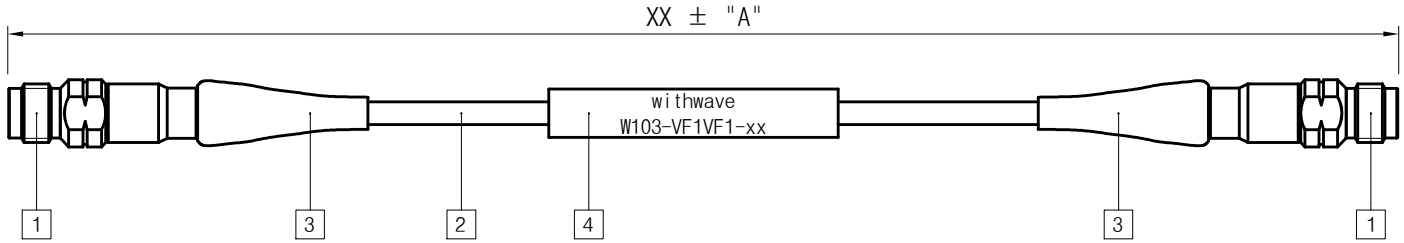
1. Material
 1) Connector : 1.85mm Female(Stainless Steel)
 2) Cable : W103 Cable
 3) Adhesive Shrink Tube(Black)
 4) Marking tube(white)

2. Elerctrical
 1) Impeadance : 50Ω
 2) Frequency range : DC to 67GHz
 3) VSWR : 1.3 : 1(DC to 67GHz)
    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 tseted(AC or DC).
    The Hipot voltage for the assembly should be set to the end option with the lowest test voltage rating.

3. Mechanical
 1) Durability : 500 Cycles

4. Environmental
 1) Temp. Range : -40℃ to +85℃
 2) RoHS Compliacnt

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



Model (Part No.)	XX (Length)	"A" (Tolerance)
W103-VF1VF1-6inch	6 inch (152.4mm)	+0.157 inch / -0 (+4.0mm / -0.0)
W103-VF1VF1-12inch	12 inch (304.8mm)	+0.196 inch / -0 (+5.0mm / -0.0)
W103-VF1VF1-24inch	24 inch (609.6mm)	+0.393 inch / -0 (+10.0mm / -0.0)

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Scale	N/A	Date	2025.12.01	withwave	Rev. –
Unit	inch	Drawn	Teri K		

Title	W103 Cable Assembly 1.85mm(F)-1.85mm(F) Connector
Part No.	W103-VF1VF1-xx