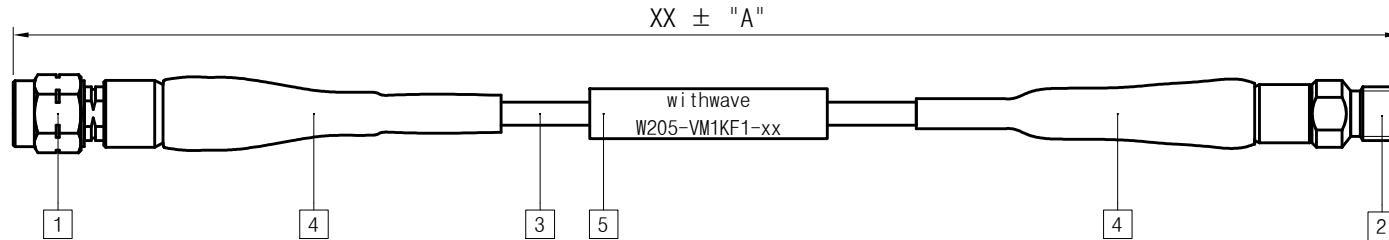


# <Specification>

1. Material
  - 1) Connector1 : 1.85mm Male(STS303, Passivated)
  - 2) Connector2 : 2.92mm Female(STS303, Passivated)
  - 3) Cable : W205 Cable
  - 4) Adhesive Shrink Tube(Black)
  - 5) Marking tube(white)
2. Electrical
  - 1) Impedance : 50Ω
  - 2) Frequency range : DC to 40GHz
  - 3) VSWR : 1.3 : 1(DC to 40GHz)
  - 4) Assembly to be 100% tested for Return loss and Insertion loss.  
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 : 74%
3. Mechanical
  - 1) Durability : 500 Cycles
  - 2) Bending radius (Min.) : 12mm (Installation)
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.
6. Velocity of propagation : 74%



Model (Part No.)	XX (Length)	"A" (Tolerance)
W205-VM1KF1-6 inch	6 inch (152.4mm)	+0.157 inch / -0 (+4.0mm / -0.0)
W205-VM1KF1-12 inch	12 inch (304.8mm)	+0.196 inch / -0 (+5.0mm / -0.0)
W205-VM1KF1-24 inch	24 inch (609.6mm)	+0.393 inch / -0 (+10.0mm / -0.0)

Title	W205 Cable Assembly 1.85mm(M)-2.92mm(F) Connector
Part No.	W205-VM1KF1-xx

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Scale	N/A	Date	2025. 12. 01
Unit	inch	Drawn	MS. Kim

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