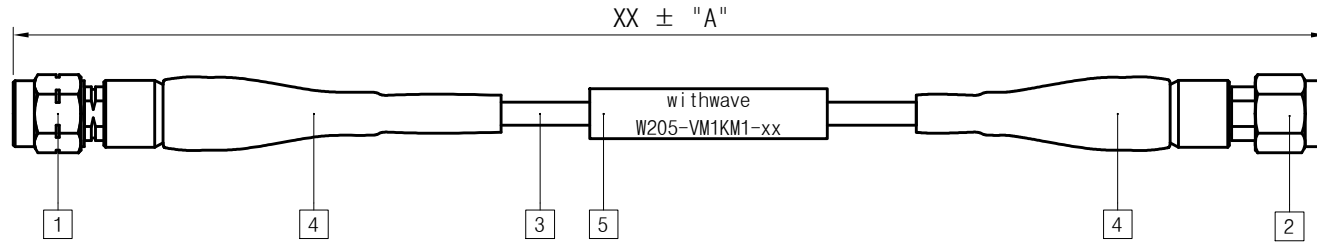


<Specification>

1. Material
 - 1) Connector1 : 1.85mm Male(STS303, Passivated)
 - 2) Connector2 : 2.92mm Male(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-VM1KM1-6 inch | 6 inch (152.4mm) | +0.157 inch / -0 (+4.0mm / -0.0) |
| W205-VM1KM1-12 inch | 12 inch (304.8mm) | +0.196 inch / -0 (+5.0mm / -0.0) |
| W205-VM1KM1-24 inch | 24 inch (609.6mm) | +0.393 inch / -0 (+10.0mm / -0.0) |

| | |
|----------|--|
| Title | W205 Cable Assembly 1.85mm(M)-2.92mm(M) Connector |
| Part No. | W205-VM1KM1-xx |

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

| | | | |
|-----------------|--|------|---|
| withwave | | Rev. | - |
|-----------------|--|------|---|