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<Specification>

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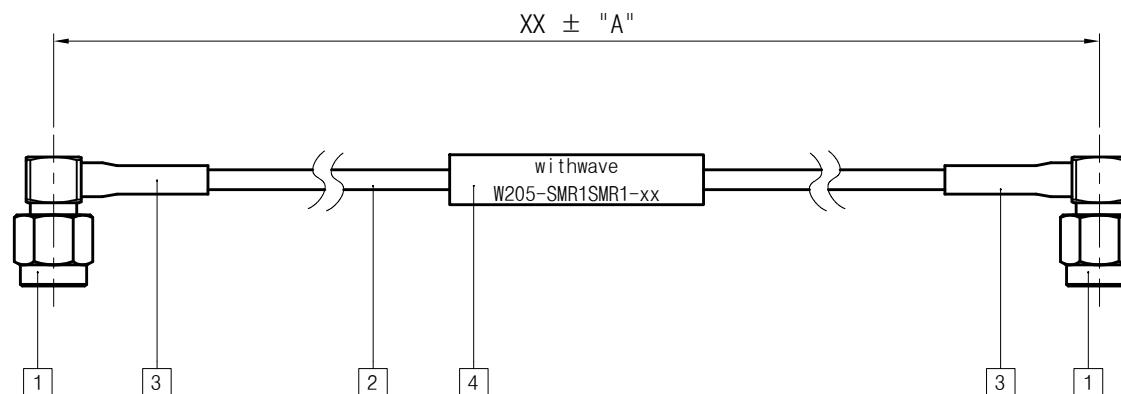
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1. Material

- 1) Connector : SMA R/A Male
- 2) Cable : W205 Cable
- 3) Adhesive Shrink Tube(Black)
- 4) Marking tube(white)

2. Electrical

- 1) Impedance : 50Ω
- 2) Frequency range : DC to 18GHz
- 3) VSWR : 1.45 : 1(DC to 18GHz)
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 : 74%

3. Mechanical

- 1) Durability : 500 Cycles

4. Environmental

- 1) Temp. Range : -40°C to +85°C
- 2) RoHS Compliant

Model (Part No.)	XX (Length)	"A" (Tolerance)
W205-SMR1SMR1-12 inch	12 inch (304.8mm)	+0.196 inch / -0 (+5.0mm / -0.0)
W205-SMR1SMR1-24 inch	24 inch (609.6mm)	+0.393 inch / -0 (+10.0mm / -0.0)
W205-SMR1SMR1-36 inch	36 inch (914.4mm)	+0.590 inch / -0 (+15.0mm / -0.0)
W205-SMR1SMR1-48 inch	48 inch (1219.2mm)	+0.590 inch / -0 (+15.0mm / -0.0)

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

Title	W205 Cable Assembly SMA R/A(M)-SMA R/A(M) Connector	
Part No.	W205-SMR1SMR1-XX	
withwave	Rev. -	

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