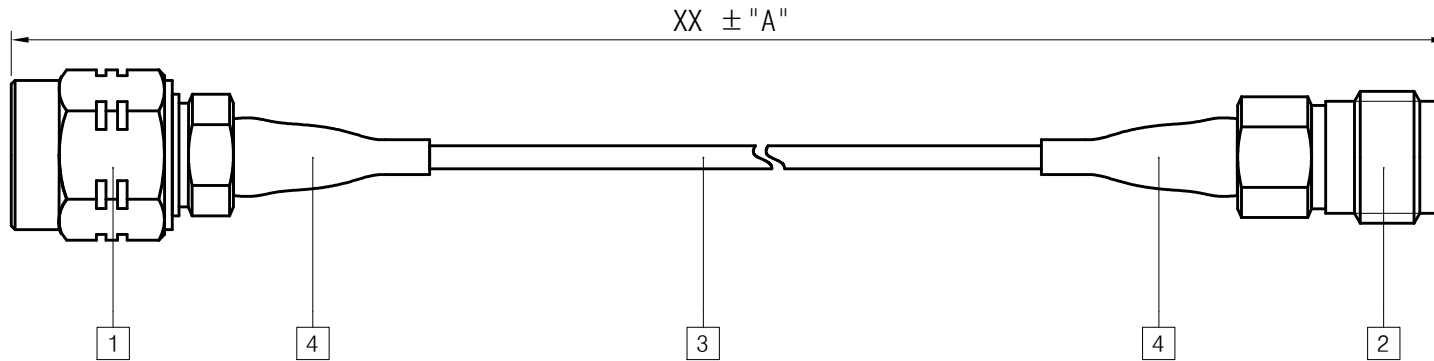


<Specification>

1. Material
  - 1) Connector : 1.85mm Male(Brass, Gold Plated)
  - 2) Connector : 1.85mm Female(Brass, Gold Plated)
  - 3) Cable : FX047 Cable
  - 4) Shrinkalbe Tube(Black)
2. Electrical
  - 1) Impedance : 50Ω
  - 2) Frequency range : DC to 67GHz
  - 3) VSWR : 1.5 : 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 : 100 Cycles
4. Environmental
  - 1) Temp. Range : -55°C to +125°C
  - 2) RoHS Compliacnt
5. Cable Assembly to be individually packaged in bag with test report.



Model (Part No.)	XX (Length)	"A" (Tolerance)
FX047-VM1VF1-4inch	4 inch (101.6mm)	+0.157 inch / -0 (+4.0mm / -0.0)
FX047-VM1VF1-6inch	6 inch (152.4mm)	+0.157 inch / -0 (+4.0mm / -0.0)
FX047-VM1VF1-12inch	12 inch (304.8mm)	+0.196 inch / -0 (+5.0mm / -0.0)

Title	FX047 Cable Assembly 1.85(M)-1.85(F) Connector
Part No.	FX047-VM1VF1-xx

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Scale	N/A	Date	2025.12.01
Unit	inch	Drawn	Teri K

**withwave**

Rev.  
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