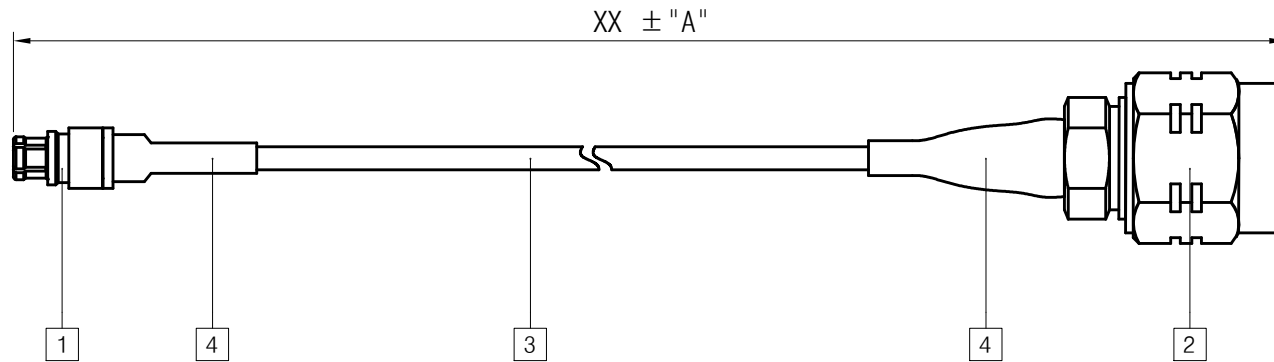


<Specification>

1. Material
 - 1) Connector : SMPM Female(Beryllium Copper)
 - 2) Connector : 1.85mm Male(Brass, Gold Plated)
 - 3) Cable : FX047 Cable
 - 4) Shrinkable 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 tested(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 Compliant
5. Cable Assembly to be individually packaged in bag with test report.



Model (Part No.)	XX (Length)	"A" (Tolerance)
FX047-PF2VM1-4inch	4 inch (101.6mm)	+0.157 inch / -0 (+4.0mm / -0.0)
FX047-PF2VM1-6inch	6 inch (152.4mm)	+0.157 inch / -0 (+4.0mm / -0.0)
FX047-PF2VM1-12inch	12 inch (304.8mm)	+0.196 inch / -0 (+5.0mm / -0.0)

Title	FX047 Cable Assembly SMPM(F)-1.85(M) Connector
Part No.	FX047-PF2VM1-xx

THE INFORMATION HEREON/HEREIN IS PROPRIETARY TO WITH-WAVE CO., LTD. IT SHALL NOT BE COUPIED, DISCLOSED OR USED(PARTIALLY OR WHOLLY) IN ANY MANNER WITHOUT PRIOR EXPRESSED WRITTEN AUTHORIZATION OF WITH-WAVE CO., LTD.

Scale	N/A	Date	2025.12.01
Unit	inch	Drawn	Teri K

withwave

Rev.
—