

Pig Tail Cable Assembly

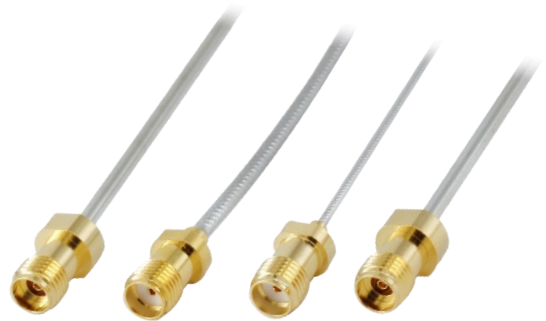
for RF Test Probe (SMA, 2.92 mm)

withwave
Versatile RF & MW Test Solutions

Withwave provide **Pig tail Cable assemblies with Semi-rigid & Semi-flexible cable** (0.047", 0.085" diameter) for various kinds of RF & Microwave probing applications.

■ Features

- Freq. : DC to 6 GHz (SMA), 40 GHz(2.92 mm)
- Connector : SMA & 2.92 mm (Female)
- Cable type : Semi-rigid & Flexible 047, 085



■ Specification (Semi-Rigid type)

Scope	Specification	SR047	SR085
Physical	Center Conductor (mm)	0.29	0.51
	Dielectric (mm)	0.92	1.68
	Jacket (mm)	1.19	2.20
Electrical	Impedance (Ohm)	50	
	Operation Freq.(GHz)	6 (SMA) 40 (2.92 mm)	6 (SMA) 40 (2.92 mm)
	Velocity of propagation(%)	69.5	
	Capacitance (pF/ft)	32	32
	Shielding Effectiveness (dB)	100	
Mechanical & Environmental	Weight (g/M)	5.7	20.2
	Operation Temperature	-40~ +125°C	

* ROHS Compliant

■ Specification (Semi-Flexible type)

Scope	Specification	SF047	SF085
Physical	Center Conductor	0.29	0.54
	Dielectric	0.92	1.68
	Jacket	1.19	2.18
Electrical	Impedance (Ohm)	50	
	Operation Freq.(GHz)	6 (SMA) 40 (2.92 mm)	6 (SMA) 40 (2.92 mm)
	Velocity of propagation(%)	69.5	
	Capacitance (pF/ft)	32	32
	Shielding Effectiveness (dB)	100	
Mechanical & Environmental	Weight (g/M)	5.7	16.0
	Operation Temperature	-40~ +125°C	

* ROHS Compliant

■ Test Results

Pig Tail Cable Assembly (SR047)

- Frequency : DC to 40 GHz
- Connector : 2.92 mm(Female)
- Cable type : Semi-rigid 047
- Cable Length : 55 mm

Part No: SR047-KF1KF1-55mm



* Connector : End launch 2.92 mm

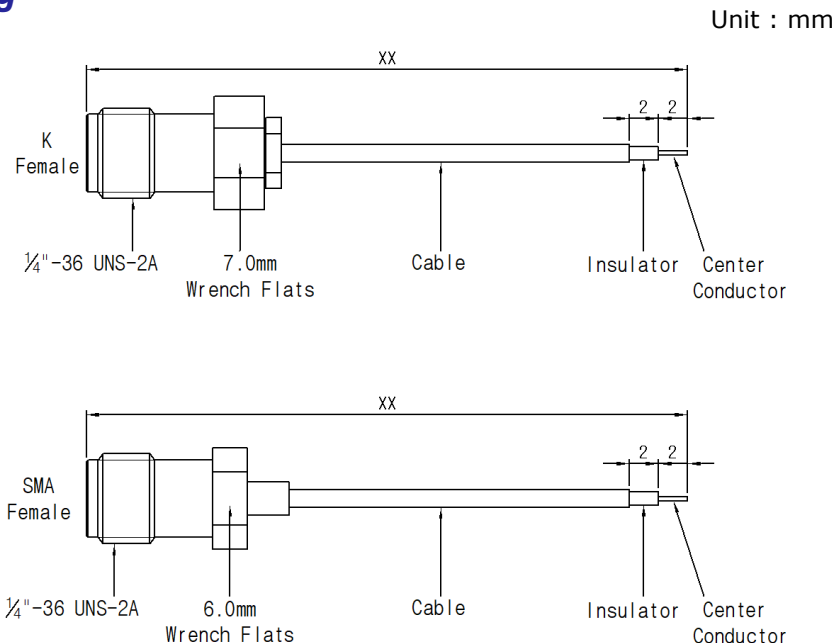
* Connector : 2.92 mm(Female)



Pig Tail Cable Assembly

for RF Test Probe (SMA, 2.92 mm)

Drawing



Selection Guide

SR047 – KF1 – 55 mm (2/2)

Strip condition (Fixed)

Insulator : 2.0 mm
Center Conductor : 2.0 mm

Cable Type

SR047
SR085
SF047
SF085

Connector Type

SF1 : SMA(Female)
KF1 : 2.92 mm(Female)

Cable Length

55 mm
65 mm
75 mm
85 mm
95 mm
105 mm

SMA type



2.92 mm type

