



Mini-Circuits

DESIGNER'S KIT KHFC1-047+

# Coaxial Cables



DC to 18 GHz, SMA, SMP, SMP Right-Angle Connectors



## FEATURES

- Hand Formable
- Choice of Connector Types: SMA, SMP, SMP Right-Angle Connectors
- Robust
- Tight Bend Radius, 3.2mm Radius Min.
- Excellent Return Loss
- Excellent Insertion Loss
- Very Low Cost

MINI-CIRCUITS DESIGNER'S KITS  
**SPEED UP**  
THE SOLUTION



## KHFC1-047+ ELECTRICAL SPECIFICATIONS

(kit includes 5 of each model, total 20 pieces)

Model No.1	Freq. (GHz) fL-fU	Length <sup>2</sup> (Inches)	Connector 1	Connector 2	Insertion loss (dB)				Return Loss (dB)			
					DC - 2 GHz Typ.	2 - 6 GHz Typ.	6 - 10 GHz Typ.	10 - 18 GHz Typ.	DC - 2 GHz Typ.	2 - 6 GHz Typ.	6 - 10 GHz Typ.	10 - 18 GHz Typ.
047-6SMP+	DC-18	6	SMP-Female	SMP-Female	0.21	0.37	0.57	0.72	30	28	32	27
047-6SMRP+	DC-18	6	SMP-Female Right-Angle	SMP-Female Right-Angle	0.21	0.37	0.55	0.75	30	33	31	25
047-6SM-PRSM+	DC-18	6	SMP-Female Right Angle	SMA-Male	0.19	0.31	0.48	0.62	31	33	30	23
047-6SMPSM+	DC-18	6	SMP-Female	SMA-Male	0.21	0.38	0.57	0.75	30	27	29	26

1. Unjacketed cable also available upon request.

2. Custom sizes available upon request.



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ECO-009165  
KHFC1-047+  
MCL NY  
210810



All Mini-Circuits products are manufactured under exacting quality assurance and control standards, and are capable of meeting published specifications after being subjected to any or all of the following physical and environmental test.

Specification	Test/Inspection Condition	Reference/Spec
Operating Temperature	-45° to 85°C Ambient Environment	Individual Model Data Sheet
Storage Temperature	-45° to 85°C Ambient Environment	Individual Model Data Sheet
Thermal Shock	-45° to 125°C, 3 Cycles	MIL-STD-202F; Method 107G
Single Bend Radius	3.2 mm for 047 series cables	