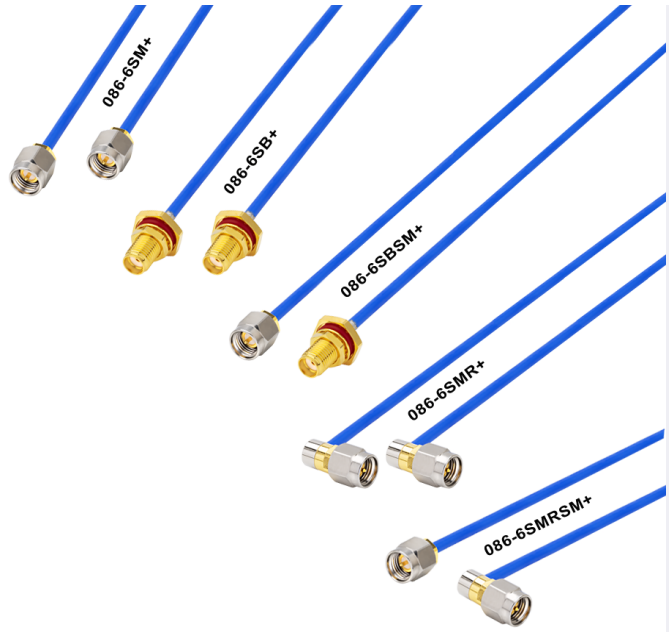
DESIGNER'S KIT KHFC4-086+

Coaxial Cables

HAND FLEX™

DC to 18 GHz, SMA, SMA Right-Angle, SMA w/Bulkhead Connectors



FEATURES

- Hand Formable
- Choice of Connector Types: SMA-Male, SMA-Female w/Bulkhead, SMA-Male Right-Angle
- Robust
- Tight Bend Radius, 6mm Radius Min.
- Excellent Return Loss
- Excellent Insertion Loss
- Very Low Cost

MINI-CIRCUITS DESIGNER'S KITS SPEED UP THE SOLUTION

RoHS COMPLIANT

KHFC4-086+ ELECTRICAL SPECIFICATIONS

(kit includes 3 of each model, total 15 pieces)

Model No.[1]	Freq. (GHz) f_L-f_U	Length[2] (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.
086-6SB+	DC-18	6	SMA-Female w/Bulkhead	SMA-Female w/Bulkhead	0.18	0.28	0.36	0.44	39	31	33	30
086-6SBSM+	DC-18	6	SMA-Female w/Bulkhead	SMA-Male	0.12	0.21	0.34	0.47	40	39	32	27
086-6SM+	DC-18	6	SMA-Male	SMA-Male	0.08	0.26	0.34	0.52	49	40	34	27
086-6SMR+	DC-18	6	SMA-Male Right-Angle	SMA-Male Right-Angle	0.21	0.36	0.46	0.76	33	27	25	19
086-6SMRSM+	DC-18	6	SMA-Male Right-Angle	SMA-Male	0.30	0.31	0.43	0.57	35	28	26	20

1. Unjacketed cable also available upon request.
2. Custom sizes available upon request.

REV. A
ECO-009165
KHFC4-086+
MCL NY
210810

Mini-Circuits

Environmental Specifications **ENV52**

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	-55° to 105° C or -55° to 85° C (see datasheet) Ambient Environment	Individual Model Data sheet
Storage Temperature	-55° to 105° C or -55° to 85° C (see data sheet) Ambient Environment	Individual Model Data Sheet
Thermal Shock	-55° to 100°C, 100 Cycles	MIL-STD-202F; Method 107G
Multiple Bend Radius	40 mm, 5 times for 141 series cables 30 mm, 5 times for 086 series cables	
Single Bend Radius	8 mm for 141 series cables 6 mm for 086 series cables	

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