

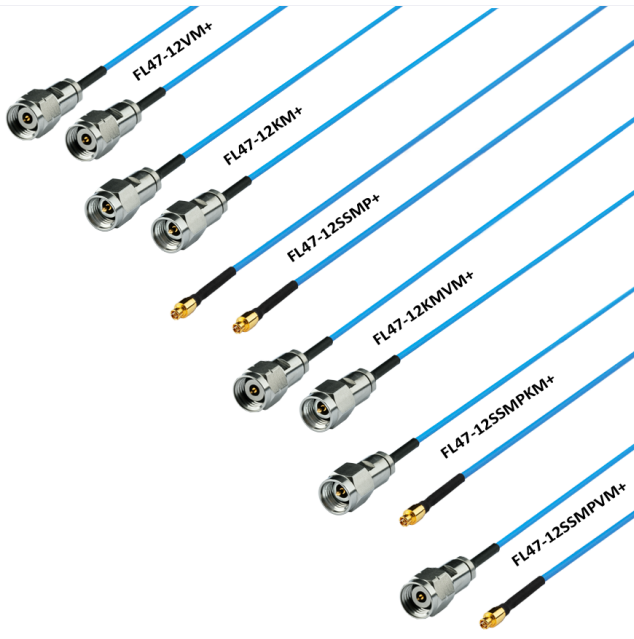


DESIGNER'S KIT KTFC1-FL47+

Coaxial Cables



DC to 40 GHz, 2.92mm, SMPM Connectors
DC to 50 GHz, 2.4mm Connectors



FEATURES

- Hand Formable
- Flexible Interconnect
- Variety of Connector Types: 2.92mm, 2.4mm, SMPM
- Robust
- Tight Bend Radius, 5mm Static Bend, 10mm Dynamic
- Excellent Return Loss
- Excellent Insertion Loss
- Very Low Cost

MINI-CIRCUITS DESIGNER'S KITS
SPEED UP
THE SOLUTION



KTFC1-FL47+ ELECTRICAL SPECIFICATIONS

(kit includes 2 of each model, total 12 pieces)

| Model No. ¹ | Freq. (GHz) | Length ² (Inches) | Connector 1 | Connector 2 | Freq. (GHz) | Insertion loss (dB) | Return Loss (dB) |
|------------------------|-------------|------------------------------|-------------|-------------|--------------------|---------------------|------------------|
| FL47-12KM+ | DC-40 | 12 | 2.92mm-Male | 2.92mm-Male | DC-18 18-40 | 1.17 2.28 | 34 31 |
| FL47-12VM+ | DC-50 | 12 | 2.4mm-Male | 2.4mm-Male | DC-26.5 26.5-50 | 1.47 2.57 | 35 29 |
| FL47-12KMVM+ | DC-40 | 12 | 2.92mm-Male | 2.4mm-Male | DC-26.5 26.5-40 | 1.50 2.50 | 33 28 |
| FL47-12SSMP+ | DC-40 | 12 | SMPM-Female | SMPM-Female | DC-26.5 26.5-40 | 1.31 2.34 | 29 24 |
| FL47-12SSMPKM+ | DC-40 | 12 | SMPM-Female | 2.92mm-Male | DC-26.5 26.5-40 | 1.50 2.60 | 31 26 |
| FL47-12SSMPVM+ | DC-40 | 12 | SMPM-Female | 2.4mm-Male | DC-26.5 26.5-40 | 1.50 2.60 | 39 25 |

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



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REV. OR
ECO-004705
KTFC1-FL47+
MCL NY
201023



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 100°C Ambient Environment | Individual Model Data Sheet |
| Storage Temperature | -55° to 100° C Ambient Environment | Individual Model Data Sheet |
| Thermal Shock | -55° to 85°C, 25 cycles | MIL-STD-202F: Method 107G |