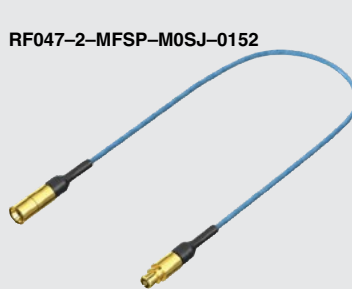


RF047-2-MFSP-M0SJ-0152



RF047-2-M0SJ-M0SJ-0152



RF047-2 SERIES

50 Ω .047" DIA CABLE TO 65 GHz

SPECIFICATIONS

For complete specifications see www.samtec.com?RF047-2

RF Connector:

Outer Contact Material:

Gold (SMPM)

Contact Material:

Gold (SMPM)

Insulator Material:

PTFE

Impedance:

50 Ω

Frequency Range:

0-65 GHz (SMPM)

Dielectric Withstanding:

Testing Now!

CCA-047-PFA

(.047") Cable:

Impedance:

50 Ω microwave

Capacitance:

29 pF/ft

Max Attenuation

(cable only):

-0.34 dB @ 1 GHz for 1 meter

Conductor Size:

29 AWG (0.29 mm) .011" dia.

Conductor Material:

Silver plated copper

Insulator Material:

PFA

Operating Temp:

-65 °C to +150 °C

Shield Material:

Silver plated copper

Jacket Material:

FEP, Blue

Jacket Diameter:

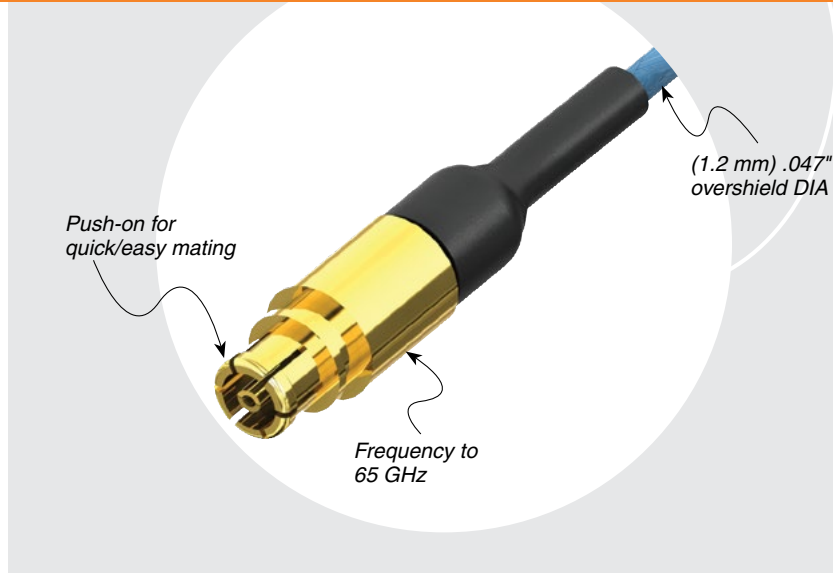
(1.42 mm) .056" dia.

Bend Radius:

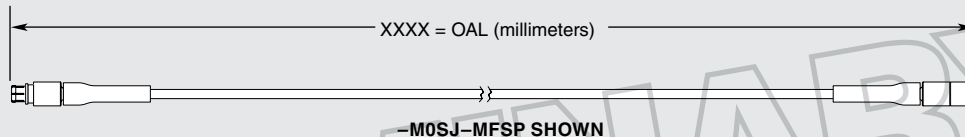
10 mm

Mates with:

SMPM



CABLE TYPE	END 1 CONNECTOR	END 2 CONNECTOR	OVERALL LENGTH
RF047-2 = (1.2 mm) .047" overshield DIA 29 AWG Microwave cable	Specify END OPTIONS from chart		—"XXXX" = Overall Length in millimeters -0152 (0152 mm) 5.984" minimum



END OPTIONS	
-MFSP = SMPM Straight Plug, Full Detent (30 μ" (0.76 μm) Gold on Center Contact, 10 μ" (0.25 μm) Gold on Shell)	
-M0SJ = SMPM Straight Jack (30 μ" (0.76 μm) Gold on Center Contact, 10 μ" (0.25 μm) Gold on Shell)	

Due to technical progress, all designs, specifications and components are subject to change without notice.

WWW.SAMTEC.COM

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.