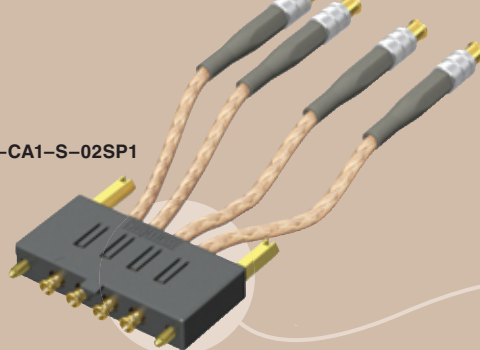


(5,00 mm) .197"

GRF1H SERIES

GRF1H-04-0300-1-CA1-S-02SP1



50Ω HYBRID MICRO-MINI RF CABLE

SPECIFICATIONS

For complete specifications see www.samtec.com?GRF1H

RF Connector:

Shell Material:

Brass

Insulator Material:

PTFE

Contact Material:

BeCu

Pin Material:

Brass

Operating Temp Range:

-40°C to +90°C

Impedance:

50Ω

RoHS Compliant:

Yes

RG 316 Cable:

Impedance:

50Ω

Capacitance:

96.432 pF/meter

Propagation Delay:

4.83 nsec/meter

Max Attenuation

(cable only):

1.25dB @ 1GHz for 1 meter

Conductor Size:

26 AWG,

(0,51 mm) .020" dia.

Conductor Material:

Silver Plated Copper

Insulator Material:

PTFE

Shield Material:

Silver Plated

Copper Clad Steel

Jacket Material:

FEP

Jacket Diameter:

(2,54 mm) .100"

Jacket Color:

Amber

RoHS Compliant:

Yes

Mates with:
GRF1-J, SMA,
MCX, SMB5, MMCX,
SSMB, BNC5, TNC

High performance
26 AWG RG 316
coax cable

2, 4, 6 or 8
Positions

MMCX-Scale
Connectors

Optional Captive
Panel Screws

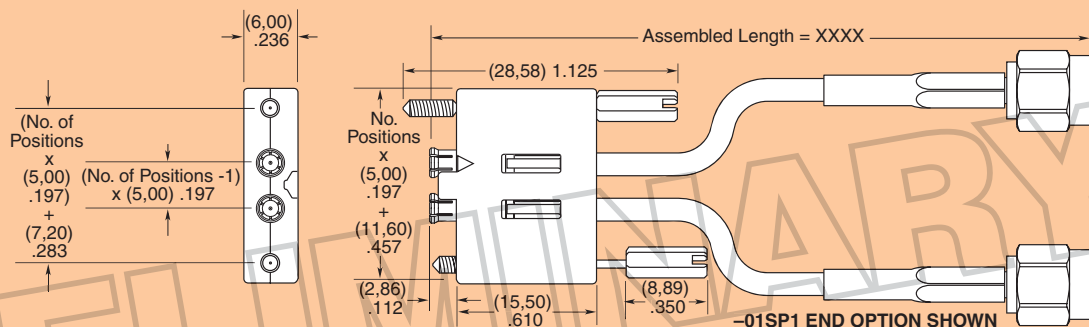
GRF1H

NO. OF
POSITIONSASSEMBLED
LENGTH

-02, -04, -06, -08

- "XXXX"

= Assembled Length in millimeters
-0100 (0100 mm) 3.94" minimum



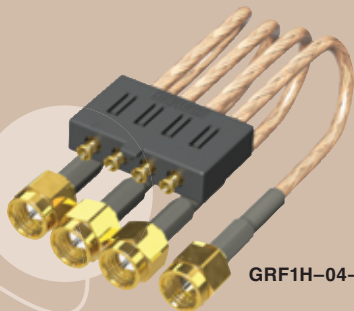
Note:
Cable lengths longer than 40.00" (1 meter) are not supported with S.I. test data.

Note:
This Series is non-standard, non-returnable.

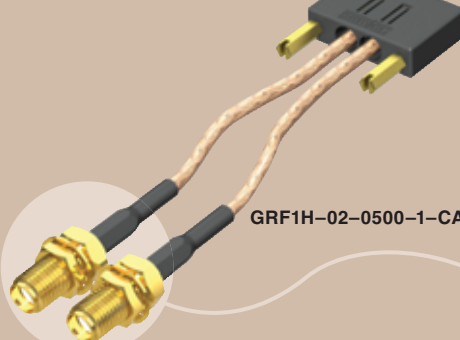
Due to technical progress, all designs, specifications and components are subject to change without notice.

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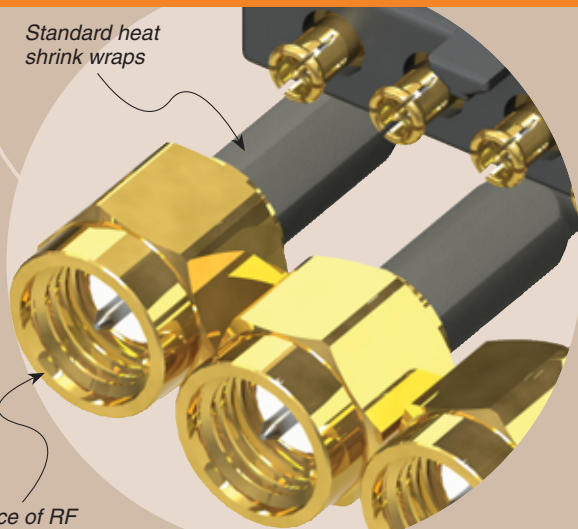


GRF1H-04-0800-1-CA1-01SP1



GRF1H-02-0500-1-CA1-S-01BJ1

Standard heat shrink wraps



Choice of RF connector styles



Variety of Bulkhead Jacks

END 1 PLATING

–1

= All Gold components

CABLE TYPE

–CA1

= RG 316 cable

SCREW OPTION

–S

= Captive Panel Screws
(Leave blank for no Screw Option)

END 2 OPTION

Specify END OPTIONS
from chart

END OPTIONS	
–01BJ1 = SMA, Straight Bulkhead Jack	
–01BR1 = SMA, Straight Bulkhead Jack, Reversed Polarity	
–01SB1 = SMA, Straight Bulkhead Jack, Sealed	
–01SR1 = SMA, Straight Bulkhead Jack, Sealed, Reversed Polarity	
(30µ" (0,76 µm) Gold on Center Contact, Gold Flash on Shell)	
–02RP1 = MMCX, Right Angle Plug	
(30µ" (0,76 µm) Gold on Center Contact, Gold Flash on Shell)	
–03SP1 = MMCX, Straight Plug	
(30µ" (0,76 µm) Gold on Center Contact, Gold Flash on Shell)	
–03RP1 = MMCX, Right Angle Plug	
(30µ" (0,76 µm) Gold on Center Contact, Gold Flash on Shell)	
–S7SP4 = SSMB, Straight Plug	
(10µ" (0,25 µm) Gold on Center Contact, Nickel on Shell)	
–07BJ1 = SMB, Straight Bulkhead Jack	
(30µ" (0,76 µm) Gold on Center Contact, Gold Flash on Shell)	

END OPTIONS	
–04SP3 = BNC, Straight Plug	
(10µ" (0,25 µm) Gold on Center Contact, Nickel on Shell)	
–04BJ3 = BNC, Straight Bulkhead Jack	
(10µ" (0,25 µm) Gold on Center Contact, Nickel on Shell)	
–05SP3 = TNC, Straight Plug	
(10µ" (0,25 µm) Gold on Center Contact, Nickel on Shell)	
–05BJ3 = TNC, Straight Bulkhead Jack	
(10µ" (0,25 µm) Gold on Center Contact, Nickel on Shell)	
–S7RP4 = SSMB, Right Angle Plug	
(10µ" (0,25 µm) Gold on Center Contact, Nickel on Shell)	

END OPTIONS	
–06BJ3 = N Type, Straight Bulkhead Jack	
(10µ" (0,25 µm) Gold on Center Contact, Nickel on Shell)	
–07SP2 = SMB, Straight Plug	
(30µ" (0,76 µm) Gold on Center Contact, Gold Flash on Shell)	
–07RP2 = SMB, Right Angle Plug	
(30µ" (0,76 µm) Gold on Center Contact, Gold Flash on Shell)	
–13GP1 = GRF, Straight Plug	
(30µ" (0,76 µm) Gold on Center Contact, Gold Flash on Shell)	
–13GJ1 = GRF, Straight Jack	
(30µ" (0,76 µm) Gold on Center Contact, Gold Flash on Shell)	

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