

(5,00 mm) .197"

GRF1-C SERIES

GRF1-P-C-08-1000-C1-S-S

GRF1-P-C-04-0600-C1-S-S

# 50Ω GANGED MICRO-MINI RF CABLE

## SPECIFICATIONS

For complete specifications see  
www.samtec.com?GRF1-C

### Shell Material:

Brass

### Insulator Material:

PTFE

### Contact Material:

BeCu

### Pin Material:

Brass

### Plating:

30μ" (0,76 μm) Au over

50μ" (1,27 μm) Ni

### 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 Diameter:

(1,52 mm) .060"

#### 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

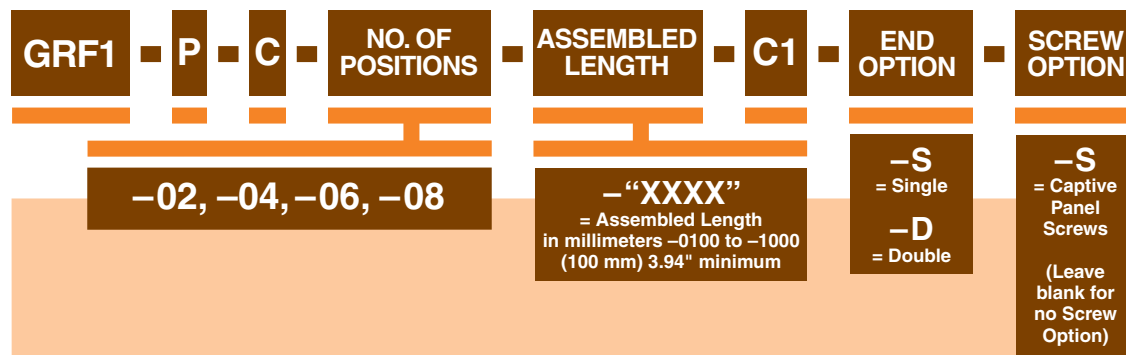
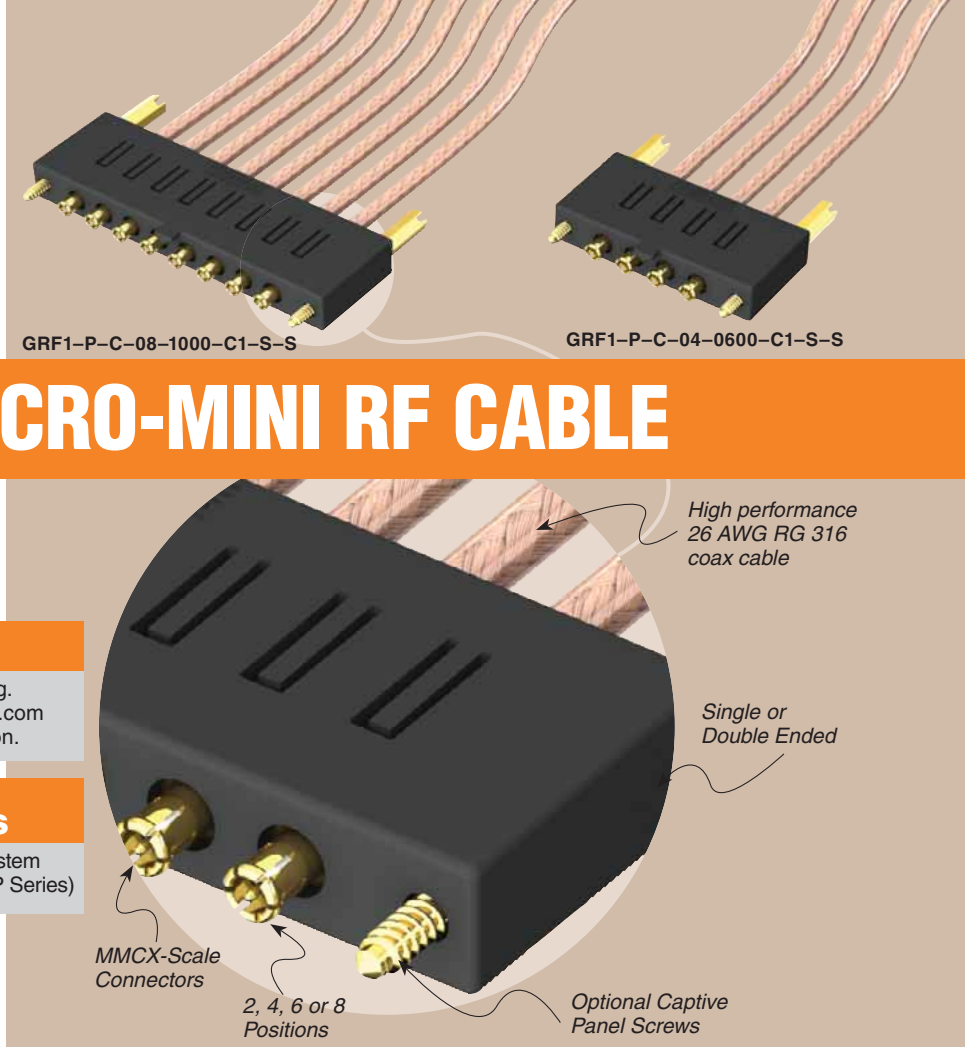
Mates with:  
GRF1-J

## TOOLING

Application Tooling.  
Contact atg@samtec.com  
for more information.

## OTHER SOLUTIONS

- 50Ω Board-to-Board system  
(see GRF1-J & GRF1-P Series)



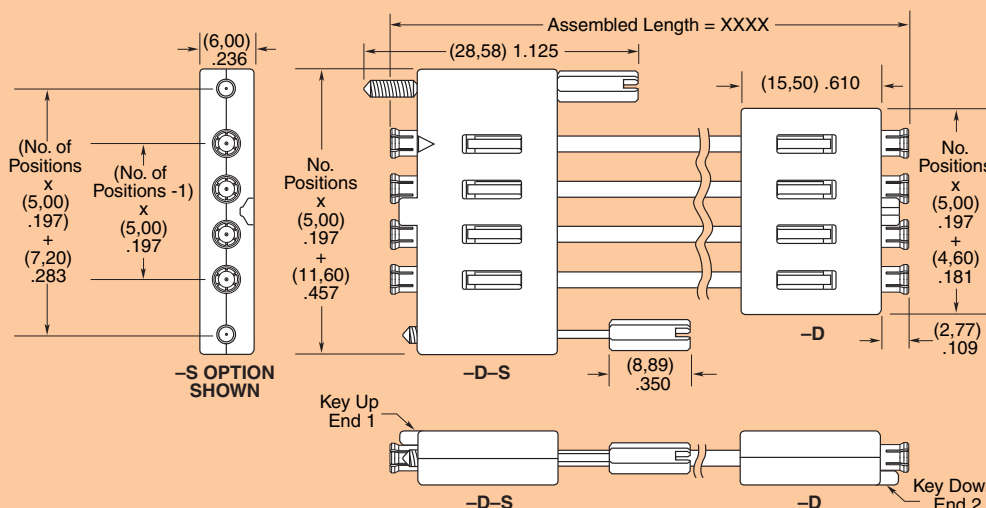
## RECOGNITIONS

For complete scope  
of recognitions see  
www.samtec.com/quality



**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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