

(5.00 mm) .197"

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

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

GRF1-C SERIES

50 Ω 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:

30 μ " (0.76 μ m) Au over50 μ " (1.27 μ m) Ni

Operating Temp Range:

-40 °C to +90 °C

Impedance:

50 Ω

RoHS Compliant:

Yes

RG 316 Cable:

Impedance:

50 Ω

Capacitance:

96.432 pF/meter

Propagation Delay:

4.83 nsec/meter

Max Attenuation

(cable only):

1.25 dB @ 1 GHz for 1 meter

Conductor Size:

26 AWG, (0.51 mm) .020" dia.

Conductor Material:

Silver and Copper Plated Steel

Insulator Diameter:

(1.52 mm) .060"

Insulator Material:

PTFE

Shield Material:

Silver and Copper

Jacket Material:

FEP

Jacket Diameter:

(2.54 mm) .100"

Jacket Color:

Amber

Bend Radius:

12.8 mm

RoHS Compliant:

Yes

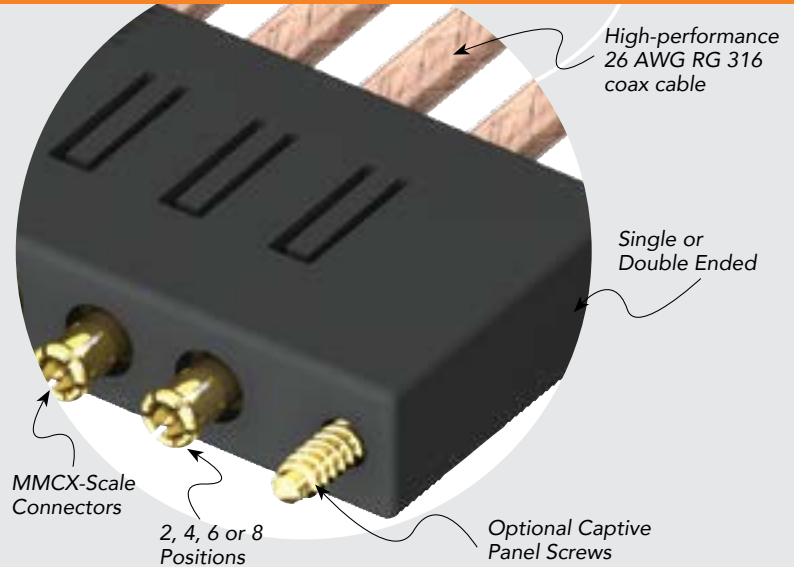
Mates with:
 GRF1-J

TOOLING

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

OTHER SOLUTIONS

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



GRF1

P

C

NO. OF POSITIONS

ASSEMBLED LENGTH

C1

END OPTION

SCREW OPTION

-02, -04, -06, -08

- "XXXX"

= Assembled Length
 in millimeters -0100 to -1000
 (100 mm) 3.94" minimum

-S

= Single

-D

= Double

-S

= Captive Panel Screws

(Leave blank for
 no Screw Option)

RECOGNITIONS

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



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

This Series is non-standard,
 non-returnable.

