

(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 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

Bend Radius:

12.7 mm

RoHS Compliant:

Yes

Mates with:

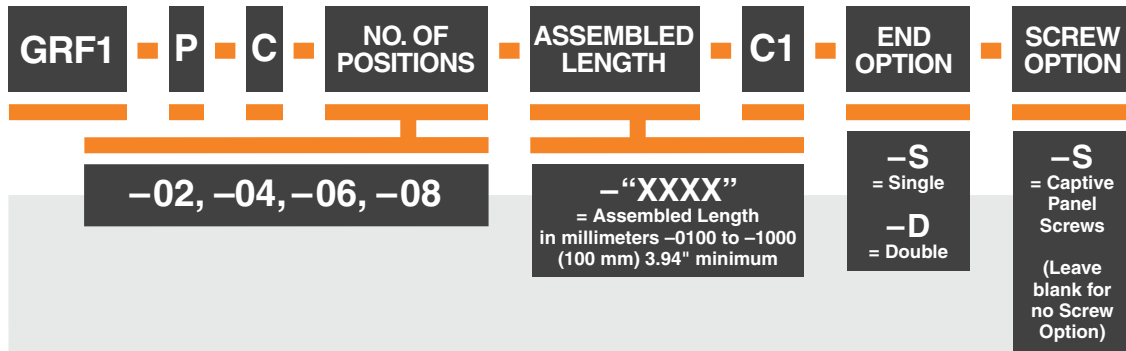
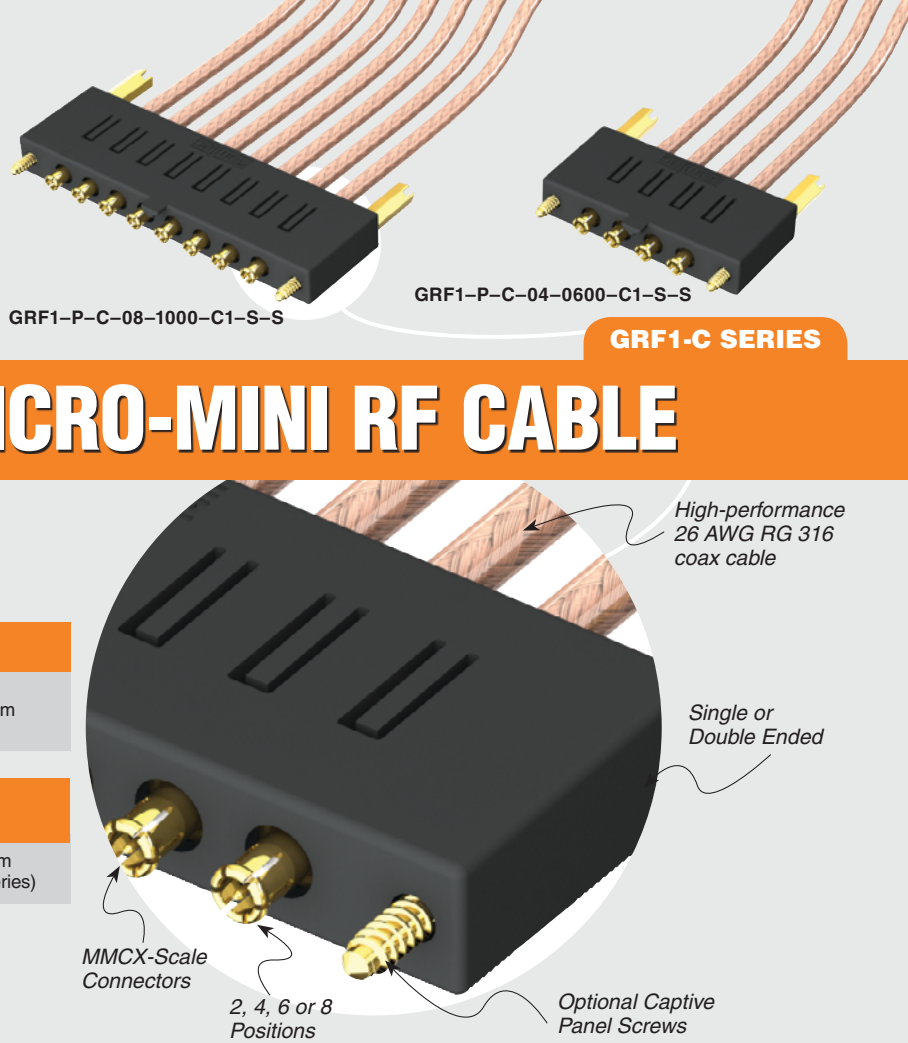
GRF1-J

TOOLING

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

OTHER SOLUTIONS

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



RECOGNITIONS

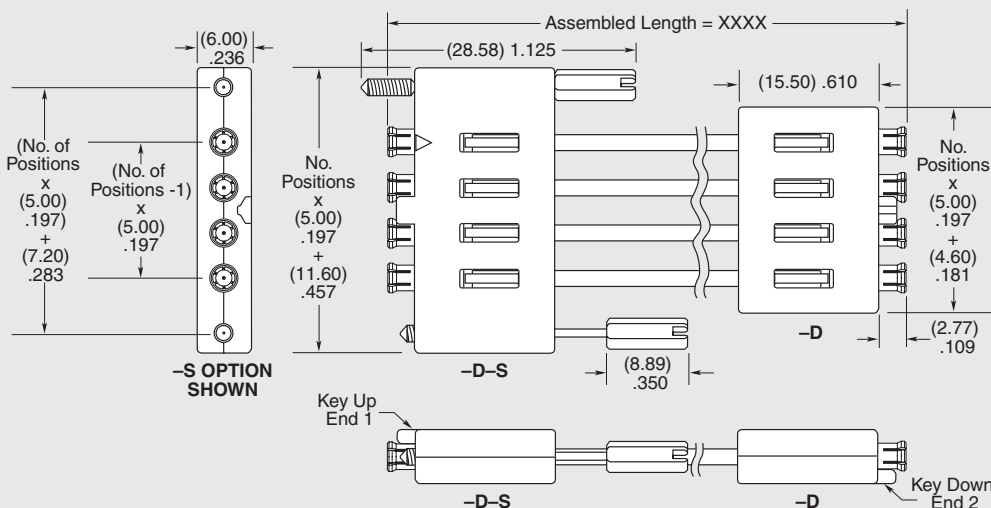
For complete scope of
 recognitions see
www.samtec.com/quality



Notes:

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

This Series is non-standard,
 non-returnable.



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.