

(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

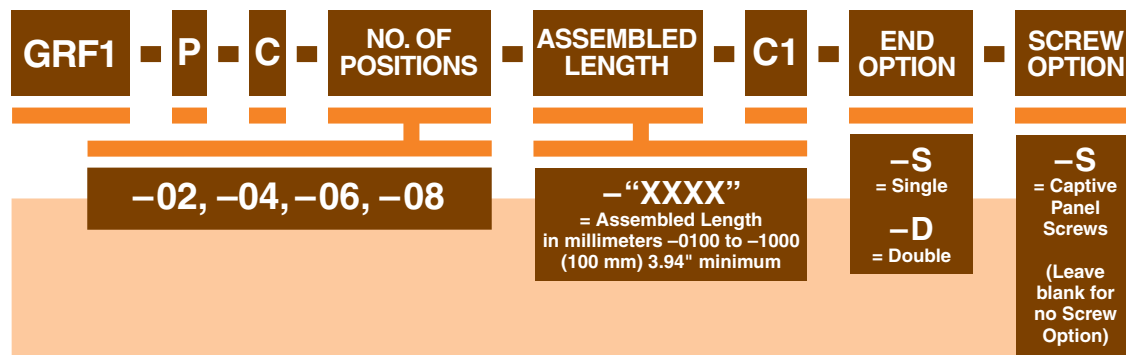
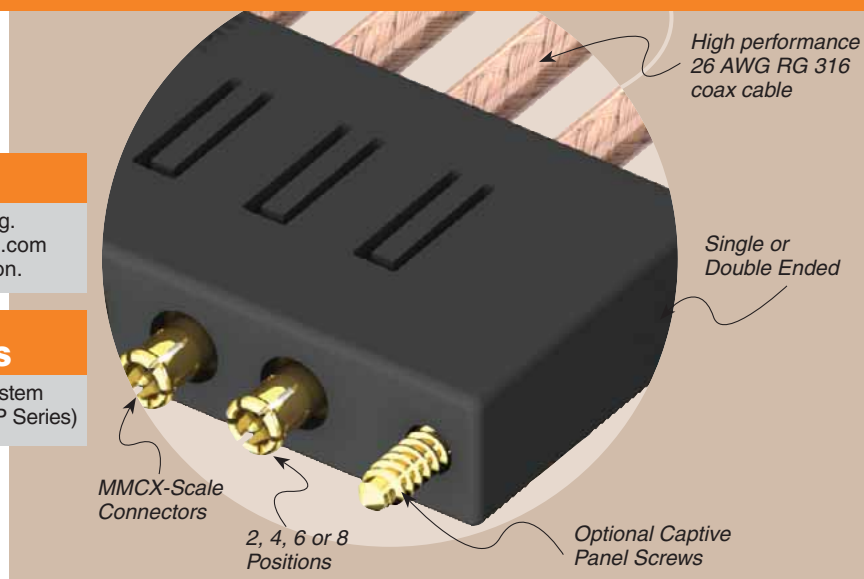
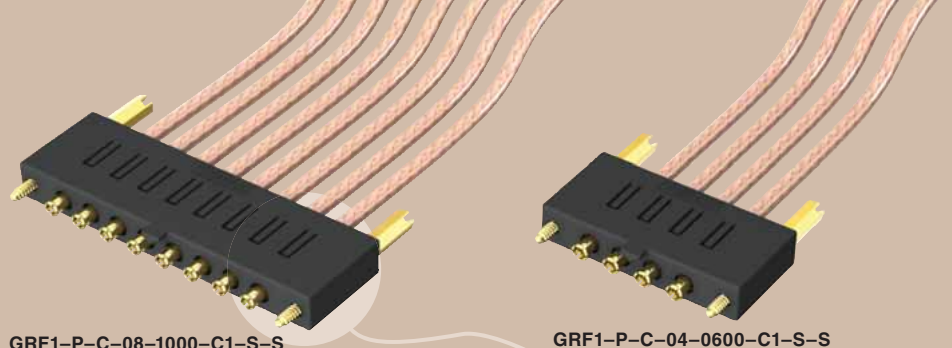
Mates with:
GRF1-J

TOOLING

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

OTHER SOLUTIONS

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



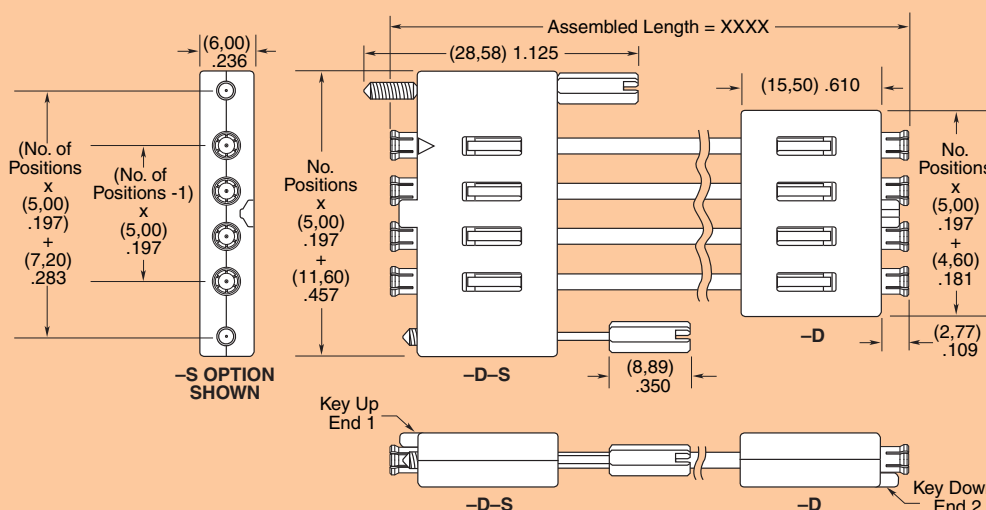
RECOGNITIONS

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.

WWW.SAMTEC.COM

SAMTEC USA • Tel: +1-800-SAMTEC-9 or +1-812-944-6733 SAMTEC NORTHERN CALIFORNIA • Tel: +1-408-395-5900 SAMTEC SOUTHERN CALIFORNIA • Tel: +1-800-726-8329
SAMTEC SOUTH AMERICA • Tel: +55 31 3786 3227 SAMTEC UNITED KINGDOM • Tel: +44 01236 739292 SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0
SAMTEC FRANCE • Tel: +33 1 60 95 06 60 SAMTEC ITALY • Tel: +39 039 6890337 SAMTEC NORDIC/BALTIC • Tel: +46 8 4477280 SAMTEC BENELUX • Tel: +44 01236 739292
SAMTEC ISRAEL • Tel: +972 3 7526600 SAMTEC INDIA • Tel: +91 80 3272 1612 SAMTEC ANZ • Tel: +613 9580 0683 SAMTEC SINGAPORE • Tel: +65 6745 5955 SAMTEC JAPAN • Tel: +81 45 475 1385
SAMTEC SHANGHAI • Tel: +86 21 6083 3766 SAMTEC SHENZHEN • Tel: +86 755 83776780 SAMTEC TAIWAN • Tel: +886 2 2735 6109 SAMTEC HONG KONG • Tel: +852 26904858 SAMTEC KOREA • Tel: +82 31 717 5685