

GRF1-C SERIES

(5.00 mm) .197"

50 Ω GANGED MICRO-MINI RF CABLE

SPECIFICATIONS

Shell Material:
Brass
Insulator Material:
PTFE
Contact Material:
BeCu
Pin Material:
Brass
Plating:
30 μm (0.76 μm) Au over
50 μm (1.27 μm) 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

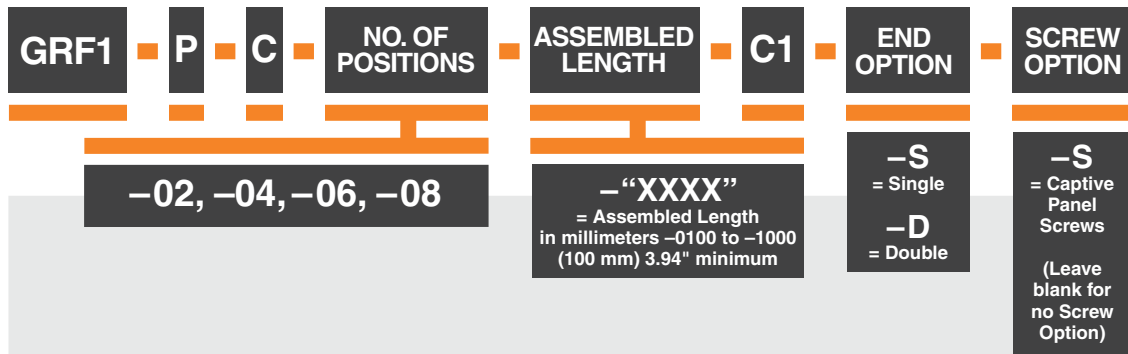
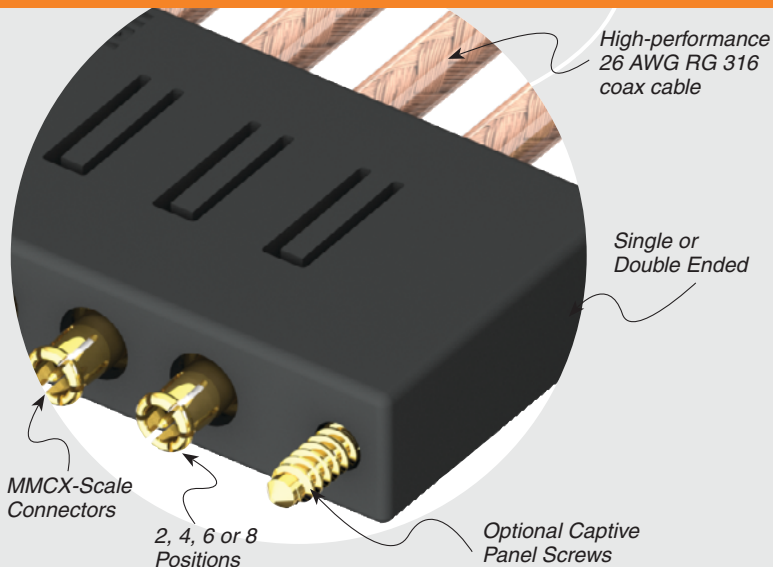
Mates with:
GRF1-J

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.

