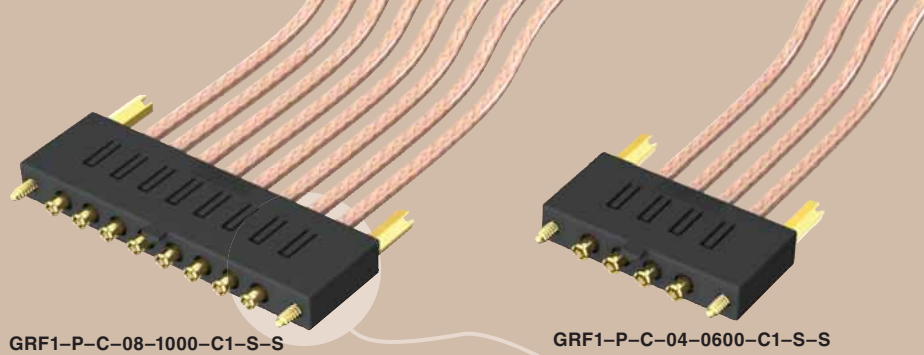




(5,00 mm) .197"

GRF1-C SERIES



# 50Ω GANGED MICRO-MINI RF CABLE

## SPECIFICATIONS

For complete specifications see [www.samtec.com?GRF1-C](http://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

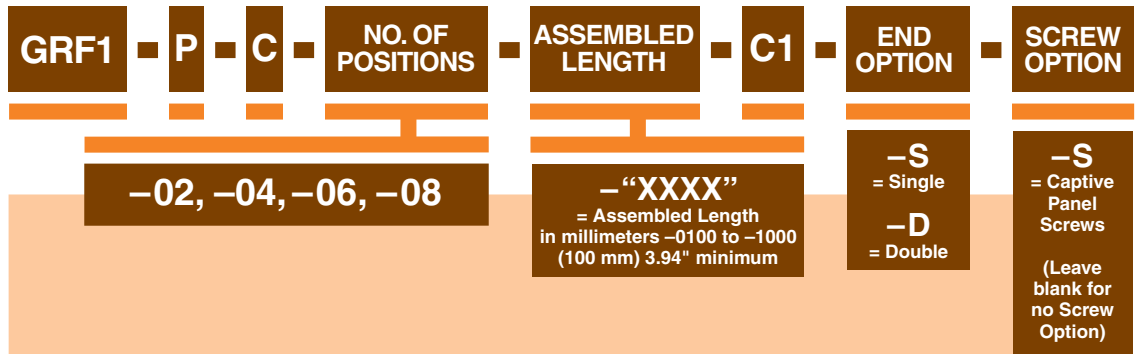
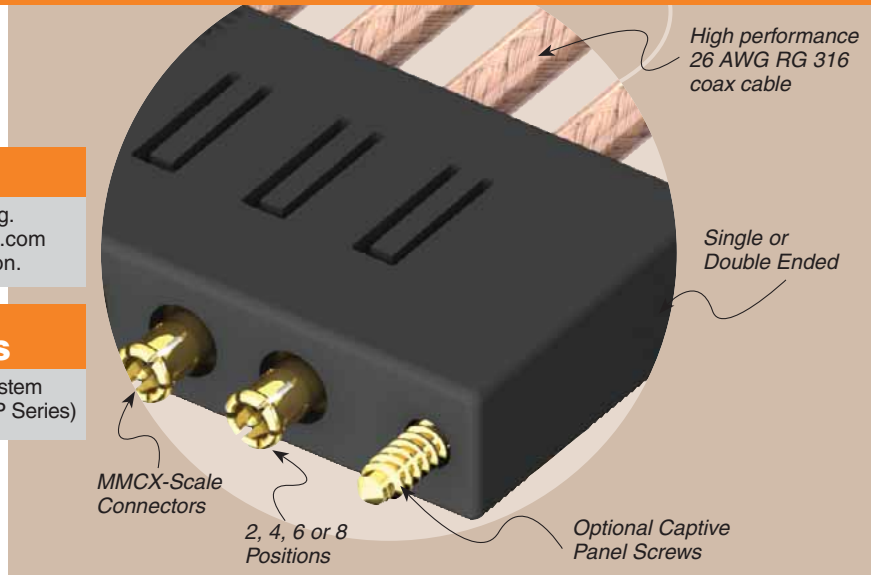
Mates with:  
GRF1-J

## TOOLING

Application Tooling.  
Contact [atg@samtec.com](mailto:atg@samtec.com) for more information.

## OTHER SOLUTIONS

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



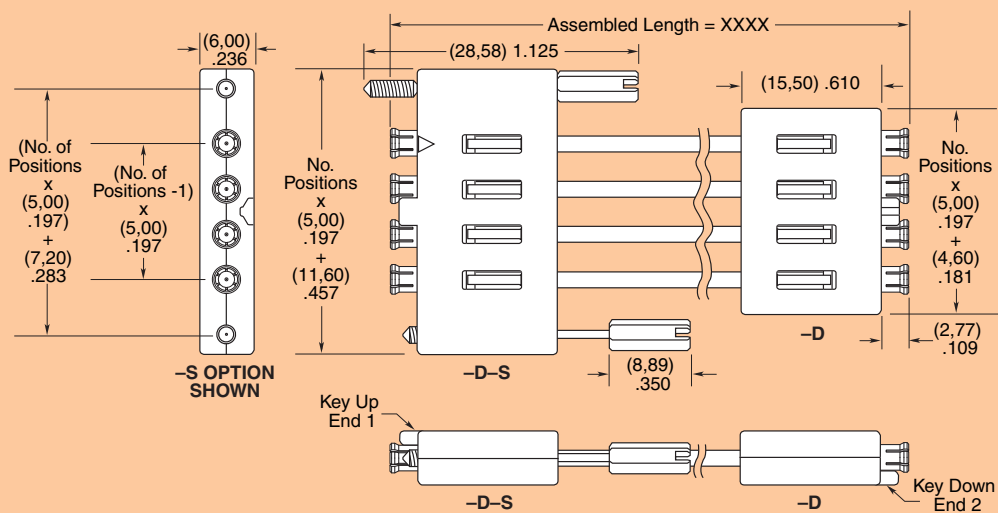
## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://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](http://WWW.SAMTEC.COM)

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