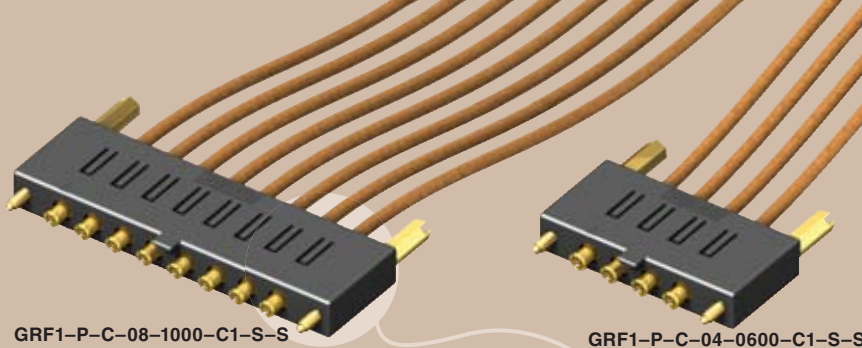


(5,00mm) .197"

GRF1-C SERIES



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" (0,76µm) Au over 50µ" (1,27µm) Ni
Operating Temp Range: -40°C to +90°C

Impedance:

50Ω
RoHS Compliant: Yes

RG 316 Cable:

Impedance: 50Ω
Capacitance: 96.432pF/meter
Propagation Delay: 4.83 nsec/meter
Max Attenuation (cable only): 1.25dB @ 1GHz for 1 meter
Conductor Size: 26 AWG, (0,51mm) .020" dia.
Conductor Material: Silver Plated Copper
Conductor Resistance: 0.13Ω/meter max
Current Rating: 5A
Insulator Diameter: (1,52mm) .060"
Insulator Material: PTFE
Dielectric Constant: 2.1dK
Shield Material: Silver Plated Copper Clad Steel
Jacket Material: FEP
Jacket Diameter: (2,54mm) .100"
Jacket Temp Rating: -50°C to +250°C
Typical Bend Radii: (6,48mm) .255"
RoHS Compliant: Yes

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

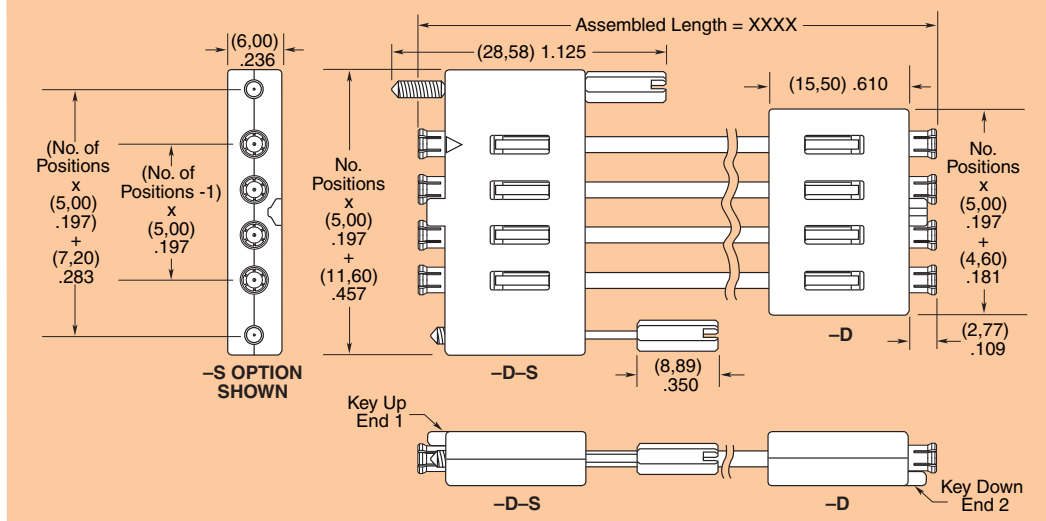
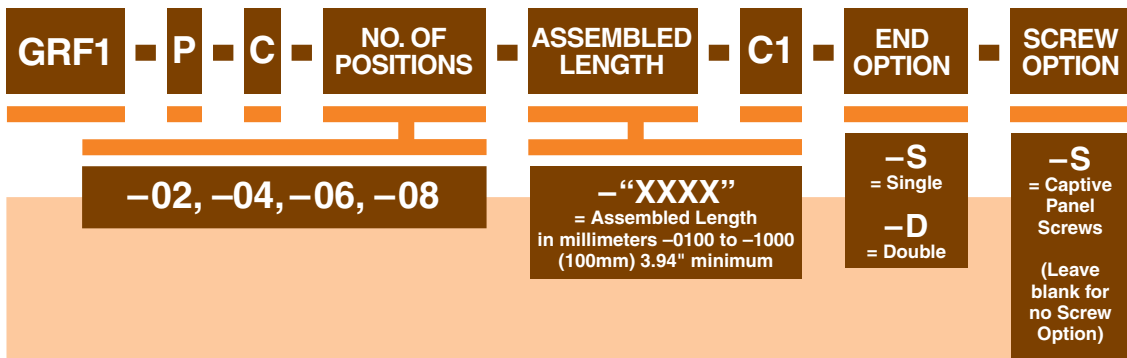
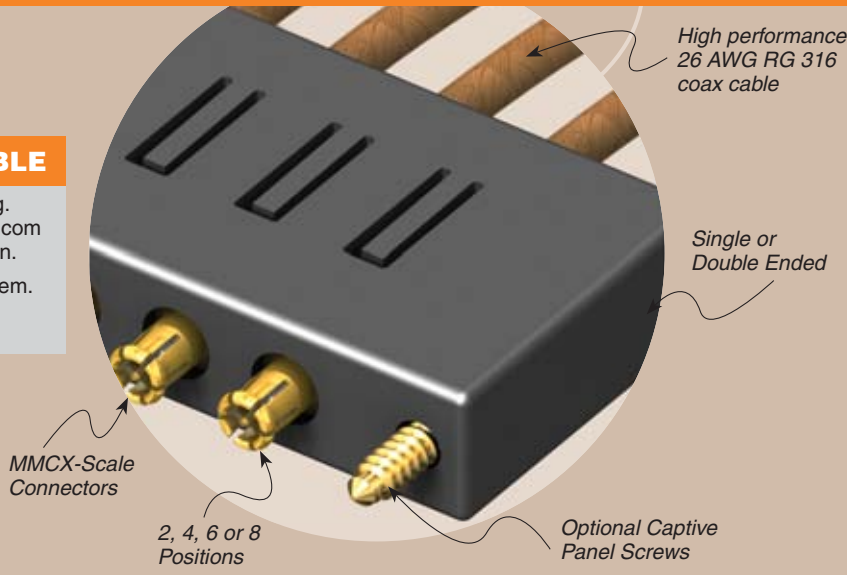
Note: This Series is non-standard, non-returnable.

Mates with: GRF1-J

ALSO AVAILABLE

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

Board-to-Board System.
 See GRF1-J & GRF1-P Series.



Due to technical progress, all designs, specifications and components are subject to change without notice.

WWW.SAMTEC.COM