

GRF7H-C SERIES

(5.00 mm) .197"

75 Ω HYBRID MICRO-MINI RF CABLE

SPECIFICATIONS

For complete specifications see www.samtec.com?GRF7H-C

RF Connector:
Shell Material:
 Brass (GRF, MCX, SMB, DIN, BNC, MMCX7-J)
 BeCu (MMCX7-P)
Insulator Material:
 PTFE
Contact Material:
 BeCu (GRF, SMB)
 Brass (MCX, BNC-P, MMCX7)
 Copper Alloy (DIN, BNC-J)
Operating Temp Range:
 -40 °C to +90 °C
Impedance:
 75 Ω
RoHS Compliant:
 Yes

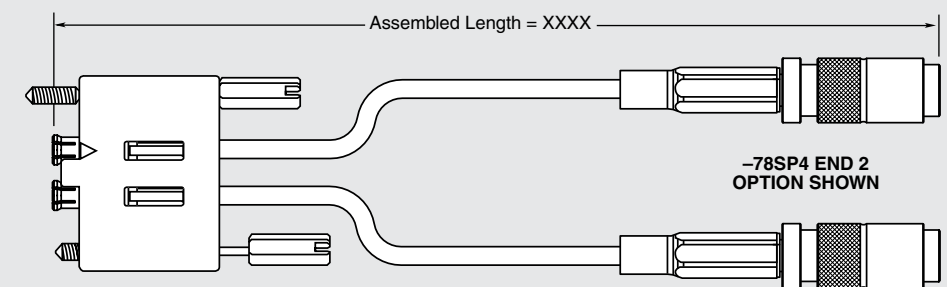
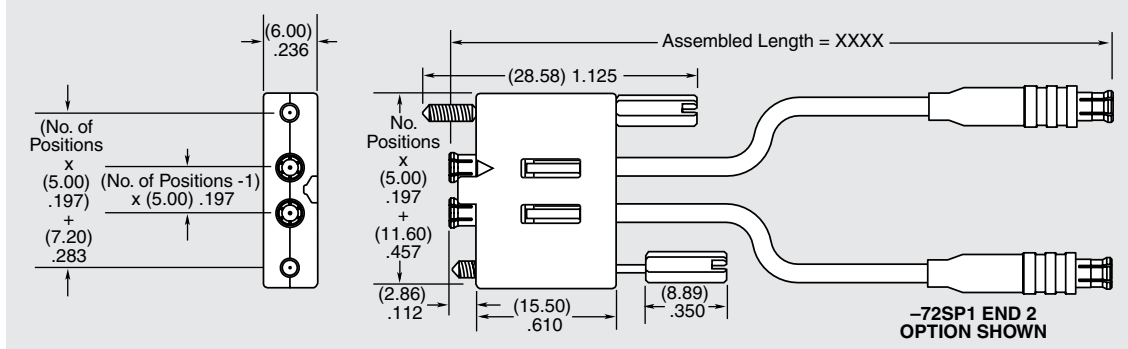
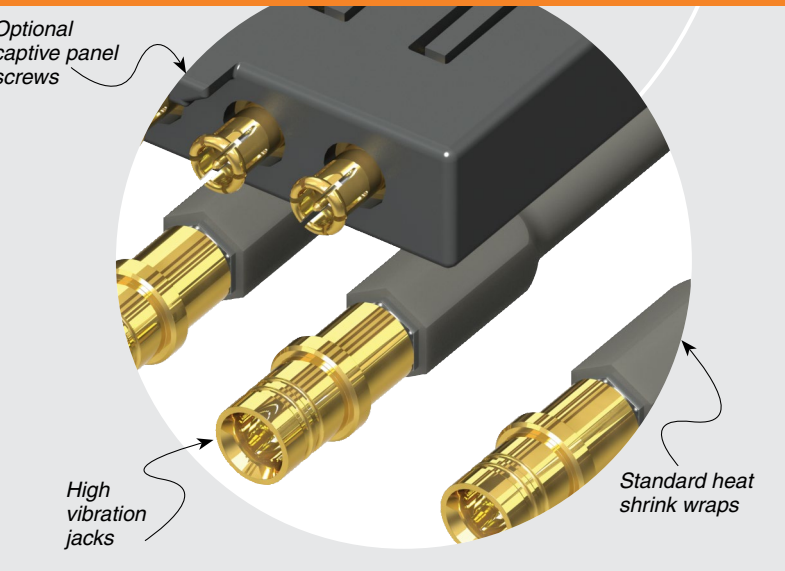
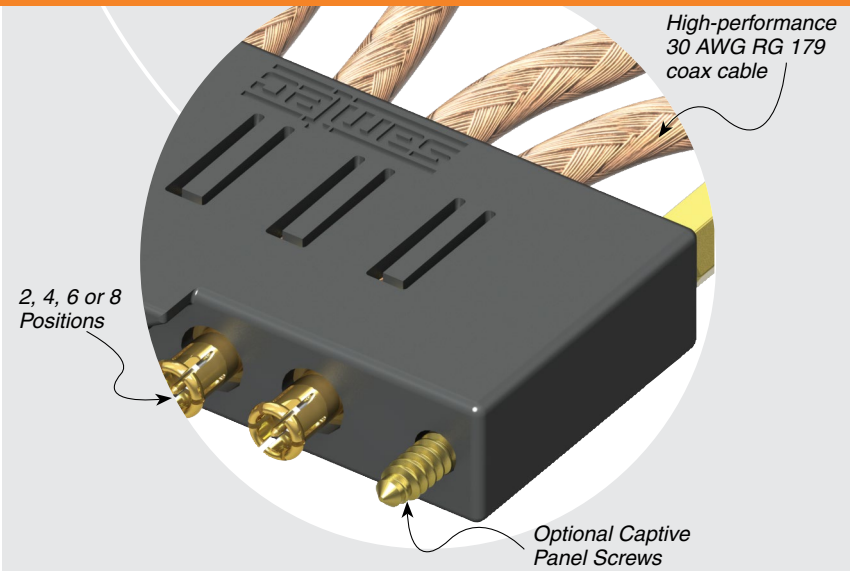
RG 179 Cable:
Impedance:
 75 Ω ±3 Ω
Capacitance:
 64 pF/meter
Max Attenuation (cable only):
 0.8 dB @ 1 GHz for 1 meter
Conductor Size:
 30 AWG, (0.31 mm) .012" dia.
Conductor Material:
 Silver Plated Copper
Insulator Material:
 PTFE
Shield Material:
 Silver Plated Copper
Jacket Material:
 FEP
Jacket Diameter:
 (2.54 mm) .100"
Jacket Color:
 Amber
Bend Radius:
 10.2 mm
RoHS Compliant:
 Yes

RECOGNITIONS

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



Mates with:
 GRF7-J, MCX7, MMCX7, SMB7H, DIN7A, BNC7T



END OPTIONS		END OPTIONS	
-73SP1 = 75 Ω MMCX7 Straight Plug (30 μ" (0.76 μm) Gold on Center Contact, Gold Flash on Shell)		-72SP1 = 75 Ω MCX Straight Plug (30 μ" (0.76 μm) Gold on Center Contact, Gold Flash on Shell)	
-73SJ1 = 75 Ω MMCX7 High Vibration Straight Jack (30 μ" (0.76 μm) Gold on Center Contact, Gold Flash on Shell)		-72RP1 = 75 Ω MCX Right-angle Plug (30 μ" (0.76 μm) Gold on Center Contact, Gold Flash on Shell)	

END OPTIONS		END OPTIONS	
-77RP1 = 75 Ω SMB Right-angle Plug (30 μ" (0.76 μm) Gold on Center Contact, Gold Flash on Shell)		-74BJ3 = 75 Ω BNC Straight Bulkhead Jack (10 μ" (0.25 μm) Gold on Center Contact, Nickel on Shell)	
-77SP1 = 75 Ω SMB Straight Plug (30 μ" (0.76 μm) Gold on Center Contact, Gold Flash on Shell)		-74SP3* = 75 Ω BNC Straight Plug (10 μ" (0.25 μm) Gold on Center Contact, Nickel on Shell)	
-78SP4 = 75 Ω DIN Straight Plug (10 μ" (0.25 μm) Gold on Center Contact, Nickel on Shell)		(*Die Cast also available = -D4SP3)	

Notes:
 Cable lengths longer than 40.00" (1 meter) are not supported with S.I. test data.
 This series is non-standard, non-returnable.

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