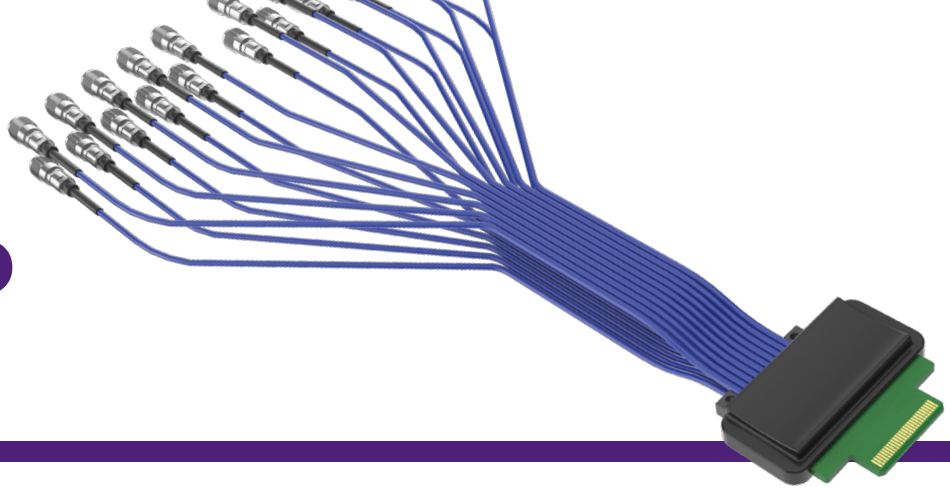


GENERATE[®]

HIGH-SPEED TEST CABLE

GC6RF SERIES



GC6RF

Mates:
HSEC6-DV, HSEC6-RA,
292

SPECIFICATIONS

Card:

Conductor:
1/2 oz. Copper
Contact Area:
Hard Gold
Insulator:
Megtron 6

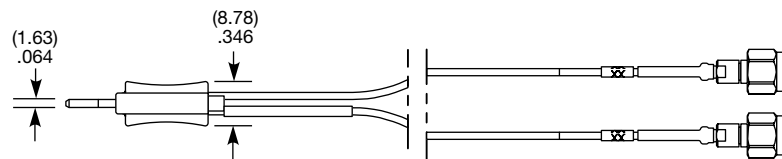
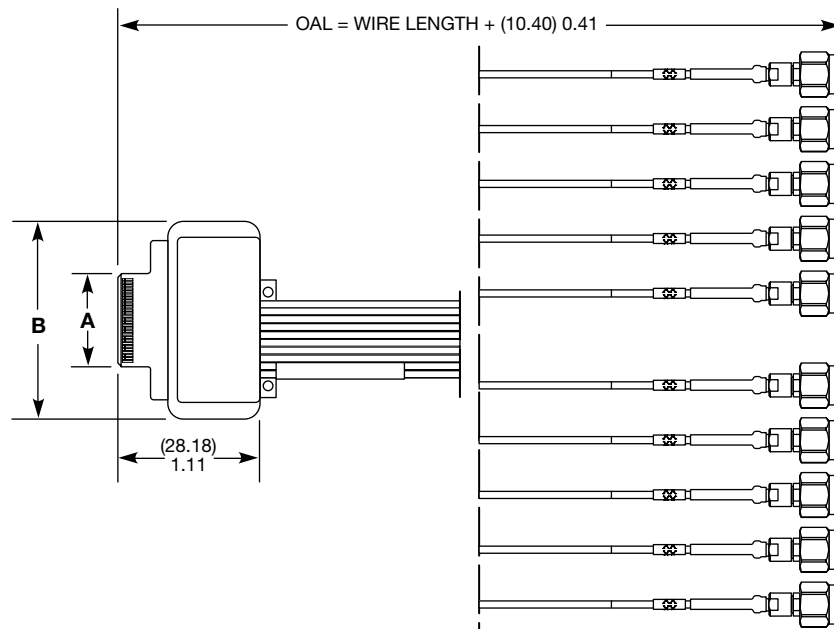
Cable:

Type:
Low Loss Microwave Coax
Gauge:
31 AWG Silver Plated Copper
Signal Conductor:
(.287) .0113" DIA
Overall Shield Diameter:
(1.17 mm) .046" DIA
Jacket Material:
FEP
Impedance:
50 Ω
Bend Radius:
10.0 Min
Capacitance:
29 pF/foot
Operating Temp:
-65 °C to 150 °C
Frequency Range:
DC to 110 GHz

GC6RF	NO. OF POSITIONS	WIRE LENGTH	END OPTION	RF CONNECTOR	RF GENDER	COAX
	-028 (1C), -042 (2C), -070 (4C) (Per Row)	-“XXXX” = Wire Length in millimeters 1000 mm (39.4") MAX (See Chart for minimum length based on number of positions.)	-EC = Edge Card	-292 = 2.92 mm Connector	-P = Plug -J = Jack	-1 = 31 AWG

PRELIMINARY

NO. OF POSITIONS	A	B	N	NO. OF COAX	MINIMUM WIRE LENGTH
-028	(18.48) .728	(39.18) 1.54	28	20	(0152 mm) 06.0"
-042	(30.17) 1.19	(50.87) 2.00	42	36	(0350 mm) 13.8"
-070	(51.28) 2.02	(71.98) 2.83	70	68	(0500 mm) 19.7"



GC6RF-028-XXXX-EC-292-P-1 SHOWN

Notes:

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

Design your full cable assembly with Samtec's High-Speed Cable Solutionator[®] at www.samtec.com/cablebuilder

This Series is non-standard, non-returnable.