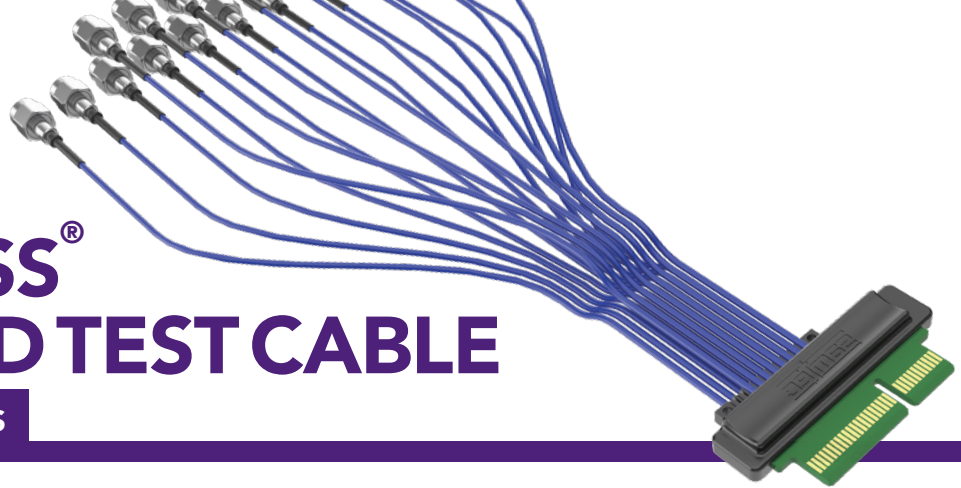


PCI EXPRESS® HIGH-SPEED TEST CABLE

PCRF-G4/PCRF-G5 SERIES



PCRF

Mates:
PCIE-G4, PCIE-G5, 292

SPECIFICATIONS

Card:

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

Cable:

Type:
Low Loss Microwave Coax
Gauge:
29 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

PCRF	GENERATION	NO. OF POSITIONS	WIRE LENGTH	END OPTION	RF CONNECTOR	RF GENDER	COAX
	-G4 = PCIe® 4.0	-036, -064, -098, -164 (Per Row)	-"XXXX" = Wire Length in millimeters 0152 mm (06.0") MIN 1000 mm (39.4") MAX	-EC = PCIe® Edge Card -EM = PCIe® Edge Mount (-G4 only)	-292 = 2.92 mm Connector	-P = Plug -J = Jack	-1 = 31 AWG

NO. OF POSITIONS	A	B	N	NO. OF COAX
-036	(20.30) .800	(35.54) 1.40	18	6
-064	(34.30) 1.35	(49.54) 1.95	32	18
-098	(51.30) 2.02	(66.54) 2.62	49	34
-164	(84.30) 3.32	(99.54) 3.92	82	66

OTHER SOLUTIONS

PCI Express® cable with SMAs for debug; visit samtec.com?PCRF

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

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This Series is non-standard, non-returnable.

