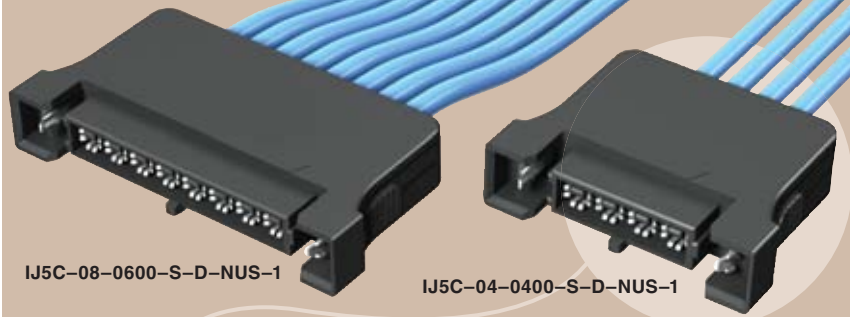




(4,00mm) .1575"

IJ5C SERIES



50Ω HIGH ISOLATION CABLE ASSEMBLY

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?IJ5C

Insulator Material: Black LCP



Contact Material: Copper Alloy

Pin Material: Copper Alloy

Dielectric Material: Black LCP

Plating: Au over 50μ" (1,27μm) Ni

Operating Temp Range: -40°C to +90°C

RoHS Compliant: Yes

Cable (-1):

Conductor Size: 26 AWG, (0,48mm) .019" dia.

Conductor Material: Silver Plated Copper

Insulator Diameter: (1,27mm) .050"

Insulator Material: FEP

Shield Material: Silver Plated Copper

Jacket Material: FEP

Jacket Diameter: (1,80mm) .071"

Impedance: 50Ω

Current Rating: 2.5A

RoHS Compliant: Yes

Cable (-2):

Conductor Size: 26 AWG, (0,51mm) .020" dia.

Conductor Material: Silver and Copper Plated Steel Wire

Insulator Diameter: (1,52mm) .060"

Insulator Material: PTFE

Shield Material: Silver Plated Copper Wire

Jacket Material: FEP

Jacket Diameter: (2,54mm) .100"

Impedance: 50Ω

Current Rating: 5A DC

RoHS Compliant: Yes

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

Mates with:
IP5

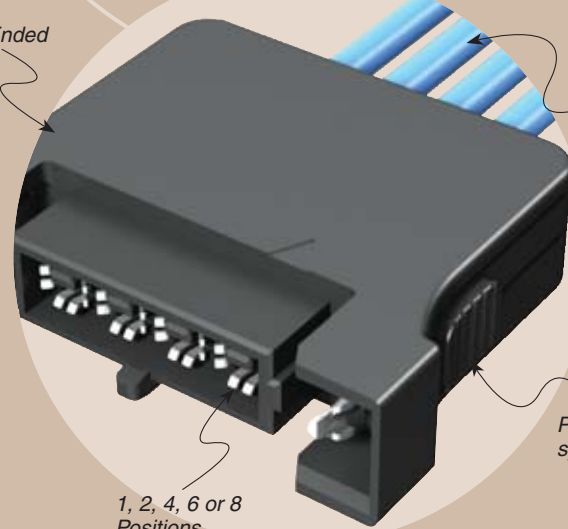


- Edge Rate™ Contacts
- Positive Latching

Cable Length	Rated @ 7dB Insertion Loss
39.37" (1m)	3.5 GHz / 7.0 Gbps

Performance and complete test data available at www.samtec.com?IJ5C or contact sig@samtec.com

Single or Double Ended



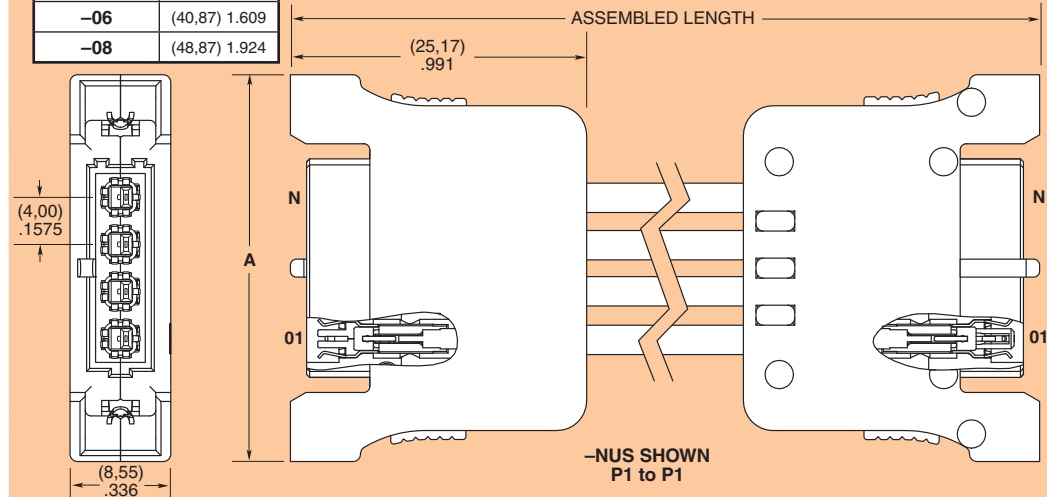
High performance 26 AWG coax cable

Positive latching system

1, 2, 4, 6 or 8 Positions

IJ5C	NO. OF POSITIONS	ASSEMBLED LENGTH	PLATING OPTION	END OPTION	END 2 OPTION	CABLE TYPE
	-01, -02, -04, -06, -08	- "XXXX" = Assembled Length in millimeters -0100 to -1000 (100mm) 3.94" minimum	-S = 30μ" (0,76μm) Gold on contact, Matte Tin on ground	-S = Single Ended -D = Double Ended	-NUS = Notch up, straight P1 to P1 -NDS = Notch down, straight P1 to PN	-1 = CTB-2650F-1 cable -2 = RG 316 cable

NO. OF POSITIONS	A
-01	(20,87) .822
-02	(24,87) .979
-04	(32,87) 1.294
-06	(40,87) 1.609
-08	(48,87) 1.924



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

WWW.SAMTEC.COM