

(4,00 mm) .1575"

IJ5H SERIES

IJ5H-02-0600-S-2-02SP2

IJ5H-08-0300-S-2-03SP2

50Ω HYBRID RF CABLE ASSEMBLY

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?IJ5H

Insulator Material:

Black LCP

Contact Material:

Copper Alloy

Pin Material:

Copper Alloy

Dielectric Material:

Black LCP

Plating:

Au over 50μ" (1,27 μm) Ni

Operating Temp Range:

-40°C to +90°C

RoHS Compliant:

Yes

Cable (-2):

Conductor Size:

26 AWG,

(0,51 mm) .020" dia.

Conductor Material:

Silver and Copper

Plated Steel Wire

Insulator Diameter:

(1,52 mm) .060"

Insulator Material:

PTFE

Shield Material:

Silver Plated Copper Wire

Jacket Material:

FEP

Jacket Diameter:

(2,54 mm) .100"

Impedance:

50Ω

Current Rating:

5A DC

RoHS Compliant:

Yes

Mates with:
IP5, SMA, MCX, MMCX,
SMB5

Low cost isolated
transmission line
system

RG 316 Cable

Positive
latching1, 2, 4, 6 or 8
PositionsChoice of traditional
RF end options

IJ5H	NO. OF POSITIONS	ASSEMBLED LENGTH	END 1 PLATING	CABLE TYPE	END 2 OPTION
	-01, -02, -04, -06, -08	- "XXXX" = Assembled Length in millimeters -0300 to -1000 (1000 mm) 39.40" maximum	-S = 30μ" (0,76 μm) Gold on contact	-2 = RG 316 cable	All Gold -01SP1 = SMA Straight Plug -02SP1 = MCX Straight Plug -03SP1 = MMCX Straight Plug -07SP1 = SMB Straight Plug Gold/Nickel combination -02SP2 = MCX Straight Plug -03SP2 = MMCX Straight Plug -07SP2 = SMB Straight Plug

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

01SP1 END OPTION SHOWN

ASSEMBLED LENGTH

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

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

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