

(4.00 mm) .1575"

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

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

IJ5H SERIES

50 Ω 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 50 μ" (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"

Bend Radius:

12.7 mm

Impedance:

50 Ω

Current Rating:

5A DC

RoHS Compliant:

Yes

Mates with:
IP5, SMA, MCX, MMCX,
SMB5
 Low-cost isolated
transmission line
system

RG 316 Cable

1, 2, 4, 6 or 8
PositionsPositive
latchingChoice of traditional
RF end options
**EDGE
RATE®**
CONTACT
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
= 30 μ"
(0.76 μm)
Gold on
contact

 -2
= RG 316
cable

 All Gold
-01SP1
= SMA
Straight Plug

 -02SP1
= MCX
Straight Plug

 -03SP1
= MMCX
Straight Plug

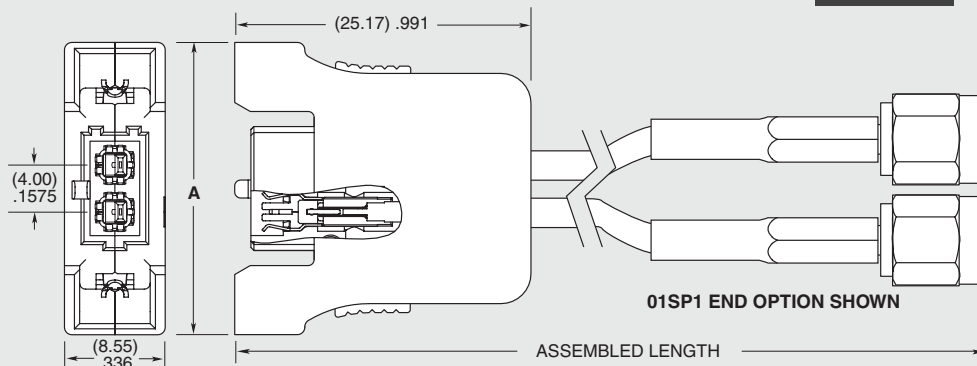
 -07SP1
= SMB
Straight Plug

 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



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

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

WWW.SAMTEC.COM

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.