



ISORATE®
ISOLATED EDGE RATE CONTACT

(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

Positive
latching

1, 2, 4, 6 or 8
Positions

**EDGE
RATE®**
CONTACT

Choice 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
= 30 μ" (0.76 μm)
Gold on contact

-2
= RG 316
cable

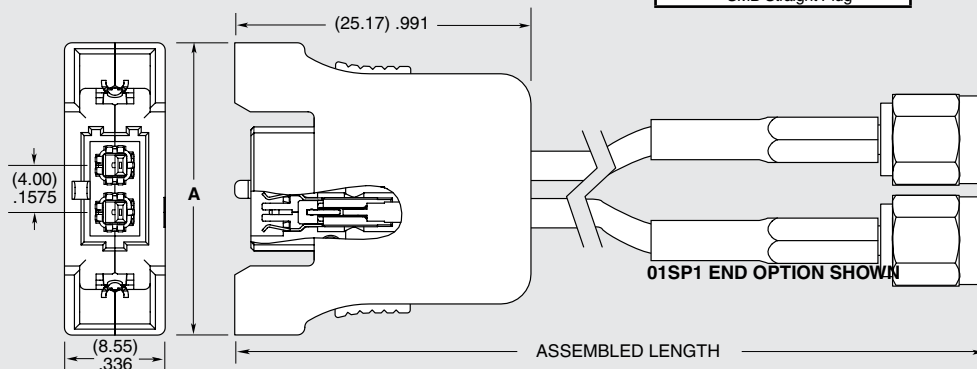
**Specify
END 2
OPTION
from
chart.**

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

END 2 OPTION
All Gold
-01SP1 = SMA Straight Plug
-01RP1 = SMA Right-angle plug
-01BJ1 = SMA Bulkhead Jack
-01SR1 = SMA Straight Bulkhead Jack, Sealed, Reversed Polarity

END 2 OPTION
All Gold
-02SP1 = MCX Straight Plug
-02RP1 = MCX Right-angle Plug
-03SP1 = MMCX Straight Plug
-03RP1 = MMCX Right-angle Plug
-07SP1 = SMB Straight Plug

END 2 OPTION
Gold/Nikel Combination
-02SP2 = MCX Straight Plug
-03SP2 = MMCX Straight Plug
-07SP2 = SMB Straight Plug



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

WWW.SAMTEC.COM

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.

Mouser Electronics

Authorized Distributor

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