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TECHNICAL DATA SHEET

Description: MHF4 – RP SMA Female Jumper Cable

Series: Cable Assembly

PART NUMBER: W9037BDXXXX





Features:

- Cable length: See Page 2
- Cable OD 0.81mm
- Connector 1: RP SMA Female
- Connector 2: I-PEX MHF4 or equivalent
- Attenuation 1dB @ 1GHz
- Attenuation 3.5dB @ 6GHz
- RoHS Compliant

Applications:

- Jumper Cable

All dimensions are in mm / inches

Issue: 2321

RoHS COMPLIANT

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ELECTRICAL SPECIFICATIONS

Frequency	0~8GHz
Nominal Impedance	50±2 Ω
RL of Port-SMA	-12dB(Max)
RL of Port-MHF4	-12dB(Max)
Max operating voltage(V)	1000

	Overall Attenuation/dB			
Frequency	W9037BD0100	W9037BD0200	W9037BD0250	W9037BD0300
0.1MHz	0.05	0.06	0.07	0.11
1G	0.45	0.75	0.89	1.53
2G	0.63	1.06	1.27	1.72
3G	0.79	1.33	1.58	1.83
4G	0.95	1.58	1.88	2.22
5G	1.08	1.81	2.15	2.86
6G	1.34	2.11	2.45	3.23
7G	1.57	2.42	2.90	3.53
8G	1.91	2.77	3.15	4.78

MECHANICAL SPECIFICATIONS

	Connector Type	Cable Tpye	Overall Length(mm/in)	Cable Length(mm/in)	Weight(g)	Color
W9037BD0100	I-PEX MHF4 or equivalent + RP SMA Female with Spring Washer	Φ0.81 MM Coaxial Cable, Black	116/4.57	100/3.94	3	Black
W9037BD0200			216/8.50	200/7.87	3.3	
W9037BD0250			266/10.47	250/9.84	3.5	
W9037BD0300			316/12.44	300/11.81	3.7	

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-40~85° C
Storage Temperature	-40~85° C
RoHS Compliant	Yes

Issue: 2321

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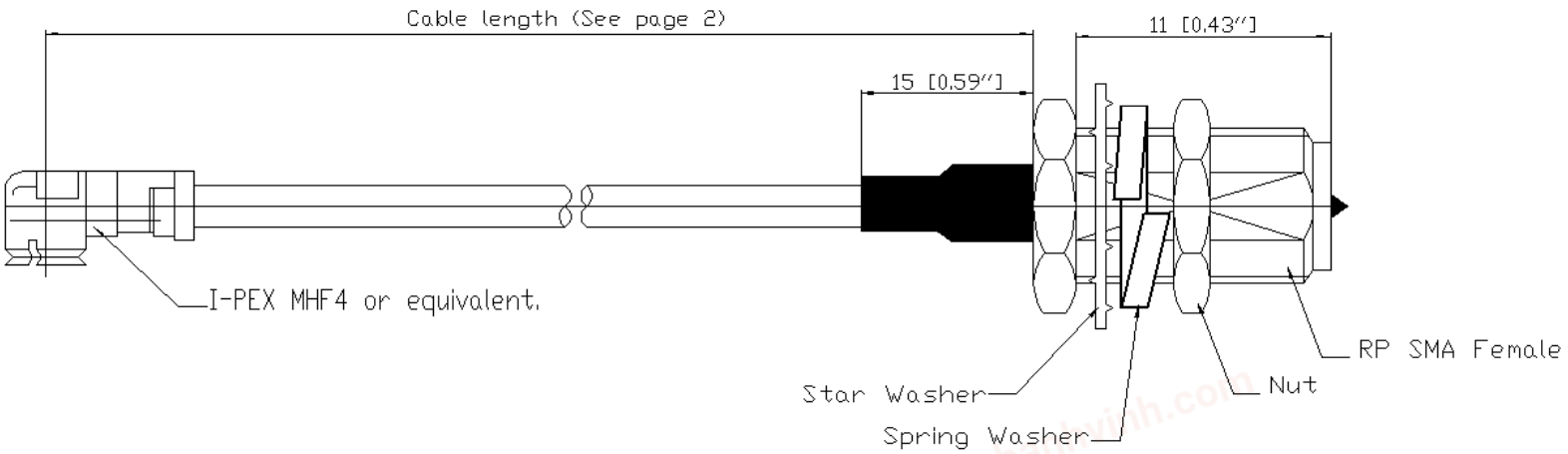
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MECHANICAL DRAWING



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TECHNICAL DATA SHEET

Series: Cable Assembly

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PACKAGING

Quantity: 20 PCS / Column PE bag, 2000 pcs / Box



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TECHNICAL DATA SHEET

Series: Cable Assembly

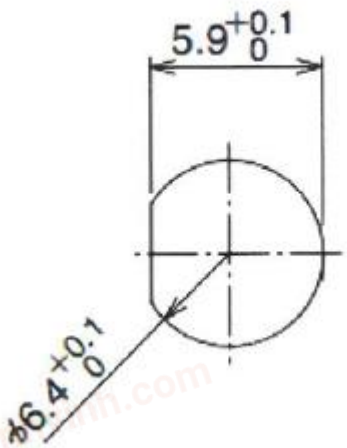
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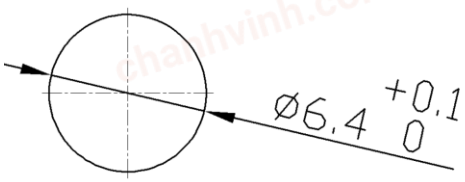
ASSEMBLY

The RP-SMA male connector fits through the assembly hole, the hole size is below.
SMA connector thread length： 11mm / 0.43in

●Panel cut-out



Option 1



Option 2

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