

Series: Cable Assembly**TECHNICAL DATA SHEET****Description: MHF4 – RP SMA Female Jumper Cable****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

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

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a YAGEO company

Series: Cable Assembly

TECHNICAL DATA SHEET

Description: MHF4 – RP SMA Female Jumper Cable

PART NUMBER: W9037BDXXXX

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

Frequency	Overall Attenuation/dB			
	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(m m/in)	Cable Length(m m/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

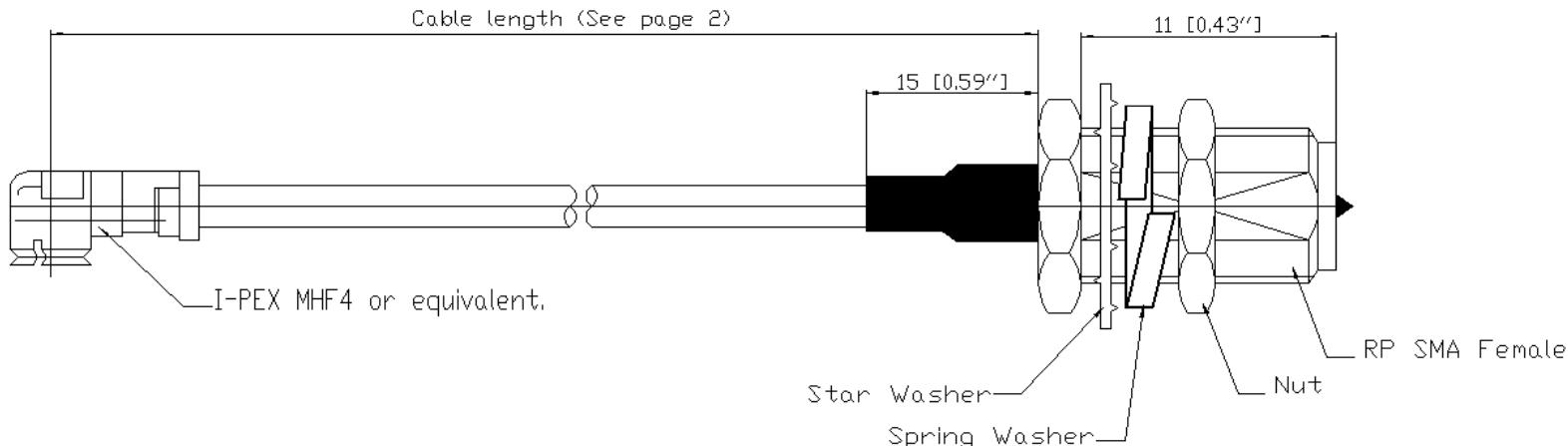
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MECHANICAL DRAWING



a YAGEO company

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TECHNICAL DATA SHEET

Description: MHF4 – RP SMA Female Jumper Cable

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PACKAGING

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



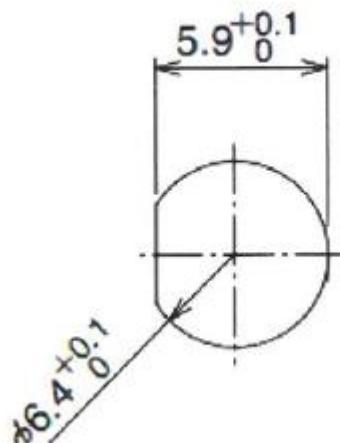
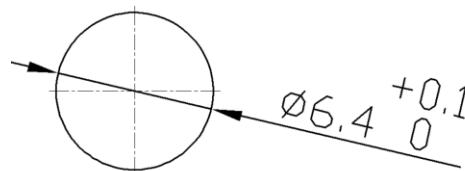
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Series: Cable Assembly**TECHNICAL DATA SHEET****Description: MHF4 – RP SMA Female Jumper Cable****PART NUMBER: W9037BDXXXX****ASSEMBLY****The RP-SMA male connector fits through the assembly hole, the hole size is below.****SMA connector thread length: 11mm / 0.43in****● Panel cut-out****Option 1****Option 2****Issue: 2321**

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