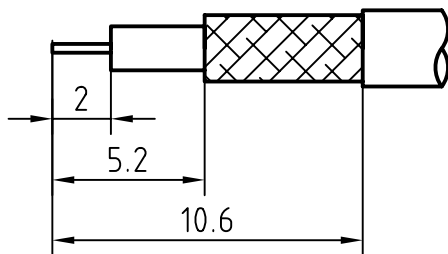


CABLE(RG174/U, RG316/U)



3	1	Body	Brass/Nickel plated
2	1	Insulator	PTFE
1	1	Inner pin	Phosphor bronze/Gold plated

Itemref	Quantity	Title/Name, designation, material, dimension etc	Article No./Reference
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Designed by xio xang	Checked by jing lo	Approved by - date jing chan	File name N-111100A	Date 06.03.16	Scale 6:1
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	N-111100A	
	Edition 1.0	Sheet 1/1

CHARACTERISTICS

DESCRIPTION:

N Type male connector

Electrical data:

<i>Impedance:</i>	50 ohm
<i>Frequency range:</i>	DC to 11 GHz
<i>Return loss:</i>	≥28dB, DC to 2.5 GHz ≥23dB, 2.5 to 4 GHz ≥18dB, 4 to 8 GHz
<i>Insertion loss:</i>	≤0.06X√f[GHz] dB
<i>Insulation resistance:</i>	≥5000MΩ
<i>Test voltage:</i>	2500 V rms
<i>Working voltage:</i>	1400 V rms
<i>Contact resistance:</i>	
1). Centre contact:	1.0 mΩ
2). Outer conductor:	0.25 mΩ
<i>Power handling (at 20 ° C, sea level, VSWR 1.0):</i>	1000 W @ 1 GHz 700 W @ 2 GHz

Environmental data:

<i>Temperature rating:</i>	-55 ° C to +155 ° C
<i>2002/95/EC (RoHS):</i>	Compliant

Mechanical data:

<i>Mating cycles:</i>	≥500
<i>Center contact captivation:</i>	≥28N(axial)
<i>Coupling test torque:</i>	≤1.7 Nm
<i>Recommended torque:</i>	0.7 Nm to 1.1 Nm

Suitable cables:

RG174/U, RG316/U