

N Male Connector for 7/8" L

Reference standard IEC60169-16

I、Electric Performance

Impedance (Ω)	50
Frequency range	DC-3GHz
Return loss (dB)	≤ -26
Insert loss (dB) (2GHz)	< 0.05
PIM (dBc)	< -160
Insulation resistance ($M\Omega$)	> 5000
Screen efficiency (dB)	> 110
Work voltage (V)	1400
Power rating (W)	300W@2GHz
Conductor resistance ($m\Omega$)	outer conductor < 0.4 inner conductor < 0.8

II、Mechanical Performance

Retention	
Nut torque	1.7Nm
Mechanical wear (hypo-)	500
Whorl pull	450N
Vibration	IEC68-2-6Fc

III、Material and plating :

Outer conductor	material: low magnetism C3602	Plating Copper tin-zin $> 2 \mu m$
Inner conductor	material: C3602	Plating Ag $> 5 \mu m$
Nut	material: HPb59-1	Plating Ni $> 5 \mu m$
Insulation	material: PTFE	
Gasket	material: Silicon rubber	

IV、Environment

Temp.range	$-55^{\circ}C \sim +155^{\circ}C$
Weather standard	IEC 68 55 / 155/ 56
Waterproofing standard	IP67

V、Assembly:inner and outer conductor installed

VI、Product Introduction

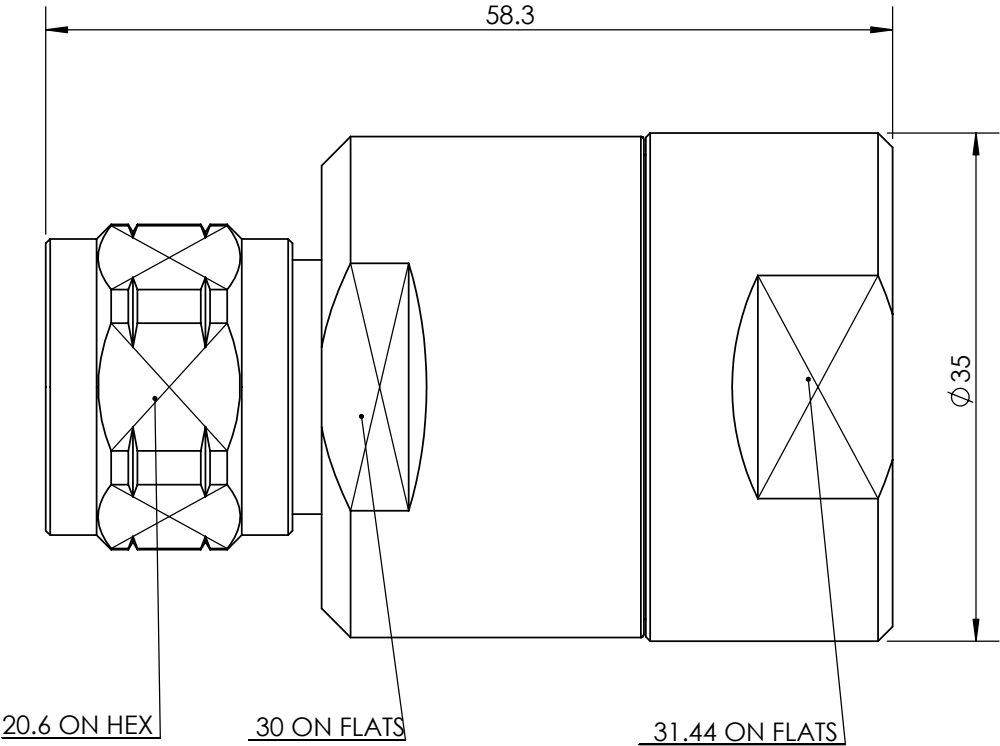
1.General Information

This connector is used for 7/8" L in the field of wireless communication and the impedance is 50Ω .

2.Packaging and Storage

It is packed in special plastic bag, and then it is packed in the small box together with Assembly Instruction. There is a label stocked in the warehouse with environment temp. $-45^{\circ}C \sim +80^{\circ}C$ and relative humidity no more than 80%, without acidic,alkaline or any other corrosive air.

Drw		Description NM-7/8"L		Drawing No. (P/N.)	Ver.
Chk				AFA17-4	3
App		Sheet 1/1	Metric mm		

Rev No.	修订说明 Revision note:	日期 Date	修订者Signature	确认 Approved
<div><p>Technical drawing of a cable assembly. The drawing shows a side view of a cable with a hexagonal cross-section. The overall length is 58.3. The diameter of the hexagonal cross-section is Ø 35. The drawing includes three dimension lines with labels: 20.6 ON HEX, 30 ON FLATS, and 31.44 ON FLATS. The drawing is oriented horizontally.</p></div>				
产品符合ROHS要求 ROHS Compliant				

绘图 Drw		名称Description		图号Drawing No.(品号P/N)	Ver
审核 Chk		NM-7/8"L		AFA17-4	3
批准 App		页码Sheet 1/1	单位Metric mm		