

Connector Technology Parameter

I . NM-1/2” international standard: IEC60169-16: 1996

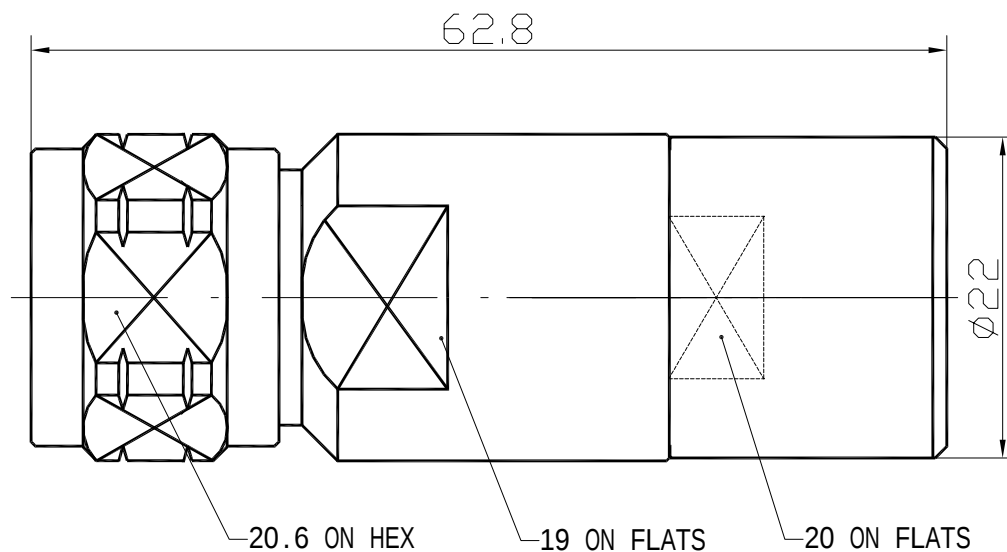
II. Connector

a. Material and plating :

outer conductor	material: C3602	Plating Copper tin-zin $>3\mu\text{m}$
inner conductor	material: QBe2	Plating Ag $>5\mu\text{m}$
nut	material: HPb59-1	Plating Ni $>5\mu\text{m}$
insulator	material: PTFE	

b. Work conduction: Operating Temp.range (°C): -40~+85

c. Fig:



Amphenol

III..Spec:

Performance Specification	N type / AFA7-5
Retention	$\geq 0.56\text{N}$
Torque	6N.m
Machine wear	>500
Screw cap pull	$>900\text{N}$
Insert loss (dB)	<0.05
Ac break down Voltage (Kv/50Hz)	2.5
Intermodulation (dBc)	≤ -160
Inner conductor plating	Plating Ag $>5\mu\text{m}$
Outer conductor plating	Plating Copper tin-zin $>3\mu\text{m}$
Connect resistance (m Ω)	Outer conductor <0.2
	Inner conductor <0.8
Insulation resistance (M Ω)	$>10^4$
Screen efficiency (dB)	>110
VSWR (3GHz)	≤ 1.1
Operating Temp. ($^{\circ}\text{C}$)	$-40 \sim +85$
Impedance (Ω)	50
Surface	Surface smooth,,without burrs,rust and mechanical damage
Installation	Quick,convenient and safe
Product life	More than ten years