

# Amphenol

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## Connector Technology Parameter

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

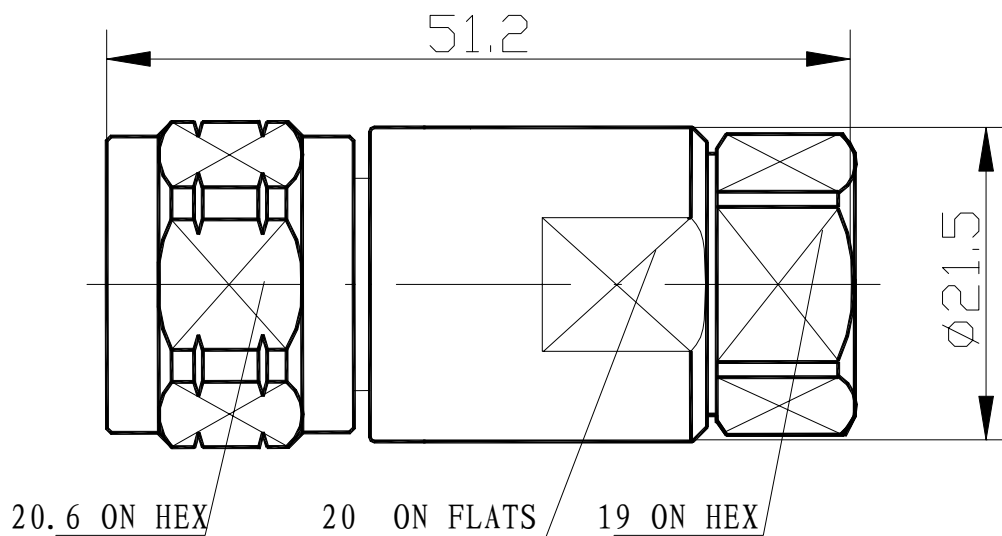
### II. Connector

#### 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:



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## III.Spec:

Performance Specification	N type / AFA12-3
Mechanical data	
Retention	$\geq 0.56\text{N}$
Torque	6N.m
Machine wear	>500
Screw cap pull	>900N
Electrical data	
Insert loss (dB)	<0.05
Ac break down Voltage (Kv/50Hz)	2.5
Intermodulation (dBc)	$\leq -160$
Connect resistance (m $\Omega$ )	Outer conductor <0.2
	Inner conductor <0.8
Insulation resistance (M $\Omega$ )	>5000
Work Voltage (V)	1400
Screen efficiency (dB)	>110
VSWR (3G)	$\leq 1.1$
Impedance ( $\Omega$ )	50