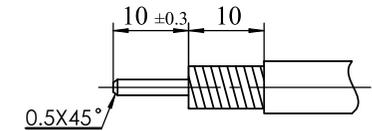
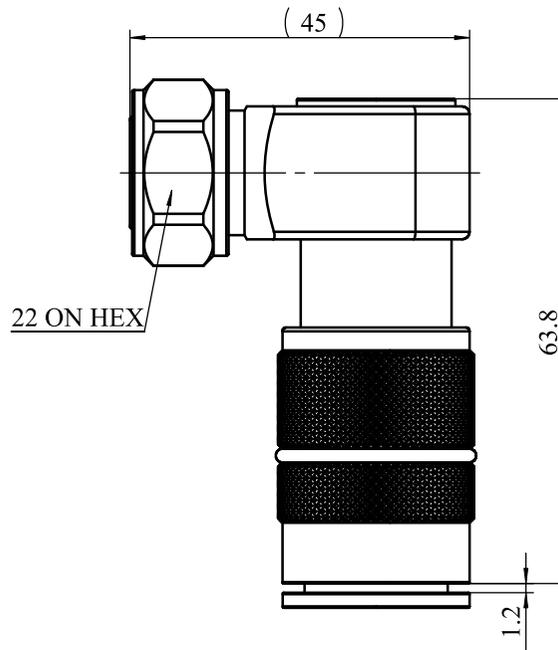


REVISIONS

REV	DESCRIPTION	DATE
0	FIRST RELEASE	2019-11-13



RECOMMENDED  
CABLE STRIPPING DIM'S

REFERENCE STANDARD

1. ELECTRIC PERFORMANCE

NOMINAL IMPEDANCE( $\Omega$ )  
FREQUENCY RANGE  
VSWR

PIM(dBc)

INSERT LOSS

INSULATION RESISTANCE(M $\Omega$ )

PROOF VOLTAGE(V)

CONTACT RESISTANCE(m $\Omega$ )

2. MECHANICAL PERFORMANCE

NUT TORQUE

(NUT)WHORL PULL

TENSILE FORCE(CABLE-CONNECTOR)

TORSION(CABLE-CONNECTOR)

IEC61169-54

50

DC-6GHz

$\leq 1.15$ (DC-3GHz)

$\leq 1.35$ (3-6GHz)

$\leq -160$ (2\*43dBm)

$\leq 0.1$

$\geq 5000$

2500

OUTER CONDUCTOR <1.0

INNER CONDUCTOR <1.0

5N.m

500N

500N

4N.m

3. MATERIAL AND PLATING

INNER CONDUCTOR

OUTER CONDUCTOR

NUT

INSULATOR

O-RING

BRASS / SPRING COPPER

BRASS

BRASS

PTFE / TPX

SILICONE RUBBER

Ag5 $\mu$ m

COPPER-TIN-ZINC2 $\mu$ m

Ni5 $\mu$ m

4. ENVIRONMENT

TEMP.RANGE

WEATHER STANDARD

THERMAL SHOCK

VIBRATION

SHOCK

WATERPROOFING STANDARD

ROHS COMPLIANT

-40 $^{\circ}$ C~+85 $^{\circ}$ C

IEC 60068 40 / 085/ 21

IEC 60068 -2-14-Na

IEC 60068-2-6-Fc

IEC 60068-2-27

IP68

5.ASSEMBLY: INNER CONDUCTOR INSTALLED AND OUTER CONDUCTOR COMPRESSED

DRAWN WuHuaYing 2019.11.15 09:08:07 +08'00'		TITLE 4.3/10SMA-1/2"H			 AMPHENOL FUYANG CO.,LTD CHANGZHOU, CHINA	
CHECKED YuYing 2019.11.15 09:06:10 +08'00'		DRAWING NO. AFS-DF123-1				
APPROVED LiBo 2019.11.14 13:43:44 +08'00'		SHEET 1/1	SCALE 1/1.2	METRIC mm	PART NO. AFDF123-1	