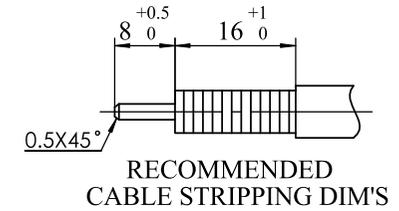
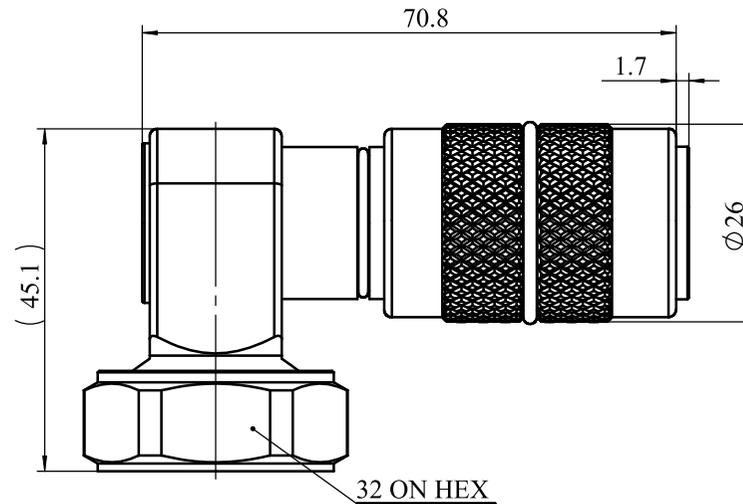


REVISIONS

REV	DESCRIPTION	DATE
0	FIRST RELEASE	2019-11-8



REFERENCE STANDARD

1. ELECTRIC PERFORMANCE

NOMINAL IMPEDANCE( $\Omega$ )  
FREQUENCY RANGE  
VSWR

PIM(dBc)

INSERT LOSS(dB)

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)

IEC61169-4

50

DC-6GHz

$\leq 1.15$ (DC-3GHz)

$\leq 1.35$ (3-6GHz)

$\leq -165$ (2\*43dBm)

$\leq 0.05$

$\geq 10000$

3000

OUTER CONDUCTOR  $< 0.2$

INNER CONDUCTOR  $< 0.8$

25N.m

1000N

500N

5N.m

3. MATERIAL AND PLATING

INNER CONDUCTOR

OUTER CONDUCTOR

NUT

INSULATOR

GASKET

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 2019.11.12 09:45:36 +08'00'		TITLE 7/16MA-1/2"L		 AMPHENOL FUYANG CO.,LTD CHANGZHOU, CHINA		
CHECKED YuYing 2019.11.08 16:25:36 +08'00'		DRAWING NO. AFS-B303-1				VER 3
APPROVED LiBo 2019.11.12 09:41:36 +08'00'		SHEET 1/1	SCALE 1/1	METRIC mm	PART NO. AFB303-1	