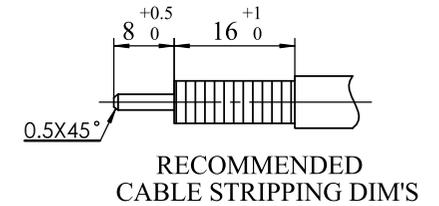
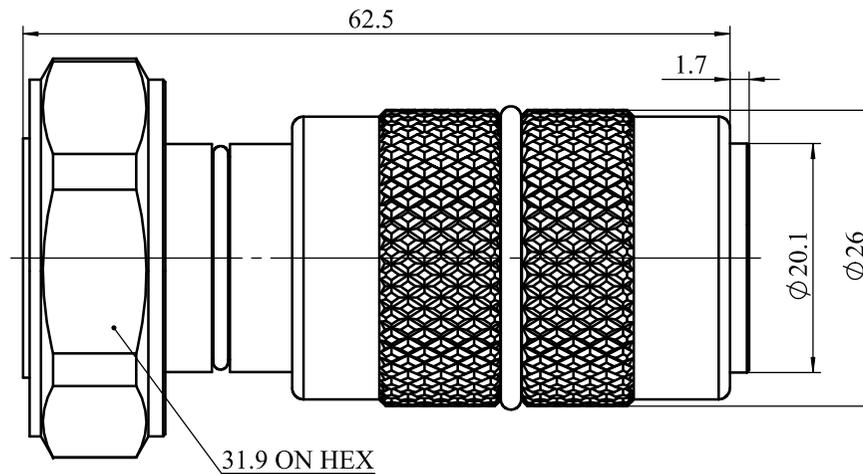


REVISIONS

REV	DESCRIPTION	DATE
0	FIRST RELEASE	2019-11-8



REFERENCE STANDARD

IEC61169-4

1. ELECTRIC PERFORMANCE

NOMINAL IMPEDANCE(Ω)  
FREQUENCY RANGE  
VSWR

50  
DC-6GHz  
≤1.15(DC-3GHz)  
≤1.25(3-6GHz)  
≤-165(2\*43dBm)

PIM(dBc)  
INSERT LOSS(dB)  
INSULATION RESISTANCE(MΩ)  
PROOF VOLTAGE(V)  
CONTACT RESISTANCE(mΩ)

≤0.05  
≥10000  
3000  
OUTER CONDUCTOR <0.2  
INNER CONDUCTOR<0.8

2. MECHANICAL PERFORMANCE

NUT TORQUE  
(NUT)WHORL PULL  
TENSILE FORCE(CABLE-CONNECTOR)  
TORSION(CABLE-CONNECTOR)

25N.m  
1000N  
500N  
5N.m

3. MATERIAL AND PLATING

INNER CONDUCTOR  
OUTER CONDUCTOR  
NUT  
INSULATOR  
GASKET

BERYLLIUM BRONZE Ag5μm  
BRASS COPPER-TIN-ZINC2μm  
BRASS Ni5μm  
TPX  
SILICONE RUBBER

4. ENVIRONMENT

TEMP.RANGE  
WEATHER STANDARD  
THERMAL SHOCK  
VIBRATION  
SHOCK  
WATERPROOFING STANDARD  
ROHS COMPLIANT

-40°C~+85°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 09:42:09 +08'00'		TITLE 7/16M-1/2"L		 AMPHENOL FUYANG CO.,LTD CHANGZHOU, CHINA	
CHECKED YuYing 2019.11.08 14:11:49 +08'00'		DRAWING NO. AFS-B243-2			
APPROVED LiBo 2019.11.12 09:39:33 +08'00'		SHEET 1/1	SCALE 1.5/1	METRIC mm	PART NO. AFB243-2