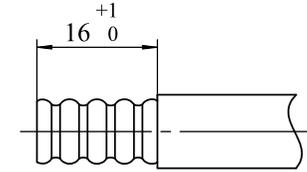
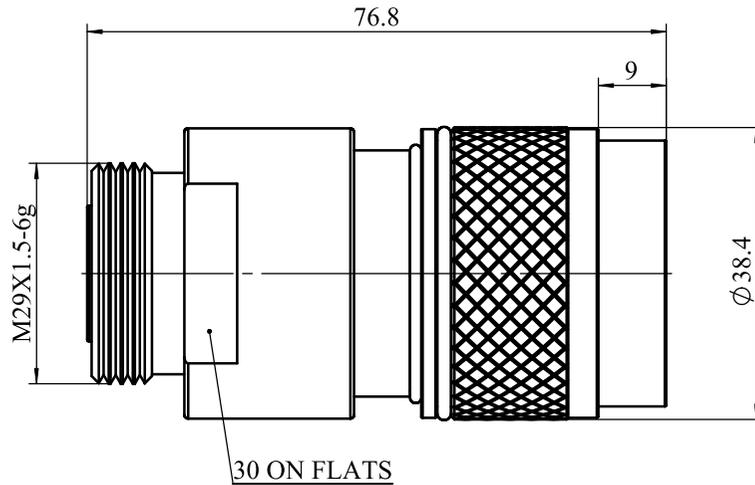


REVISIONS

REV	DESCRIPTION	DATE
0	FIRST RELEASE	2019-11-14



RECOMMENDED  
CABLE STRIPPING DIM'S

REFERENCE STANDARD

IEC61169- 4

1. ELECTRIC PERFORMANCE  
 NOMINAL IMPEDANCE( $\Omega$ )  
 FREQUENCY RANGE  
 VSWR

50  
 DC-6GHz  
 $\leq 1.15$ (DC-3GHz)  
 $\leq 1.35$ (3-6GHz)  
 $\leq -165$ (2\*43dBm)

- PIM(dBc)  
 INSERT LOSS(dB)  
 INSULATION RESISTANCE(M $\Omega$ )  
 PROOF VOLTAGE(V)  
 CONTACT RESISTANCE(m $\Omega$ )

$\leq 0.05$   
 $\geq 10000$   
 3000  
 OUTER CONDUCTOR <0.2  
 INNER CONDUCTOR <0.8

2. MECHANICAL PERFORMANCE

- RETENTION  
 MATING CYCLES  
 TENSILE FORCE(CABLE-CONNECTOR)  
 TORSION(CABLE-CONNECTOR)

$\geq 5.88$ N  
 500  
 500N  
 5N.m

3. MATERIAL AND PLATING

- INNER CONDUCTOR  
 OUTER CONDUCTOR  
 INSULATOR  
 GASKET

SPRING COPPER Ag5 $\mu$ m  
 BRASS COPPER-TIN-ZINC2 $\mu$ m  
 TPX  
 SILICONE RUBBER

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 2019.11.18 09:13:39 +08'00'		TITLE 7/16F-7/8" ALL CABLE		 AMPHENOL FUYANG CO.,LTD CHANGZHOU, CHINA	
CHECKED YuYing 2019.11.15 10:20:25 +08'00'		DRAWING NO. AFS-B772-1			
APPROVED LiBo 2019.11.18 09:28:22 +08'00'		SHEET 1/1	SCALE 1/1	METRIC mm	PART NO. AFB772-1