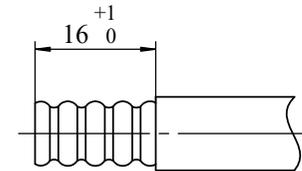
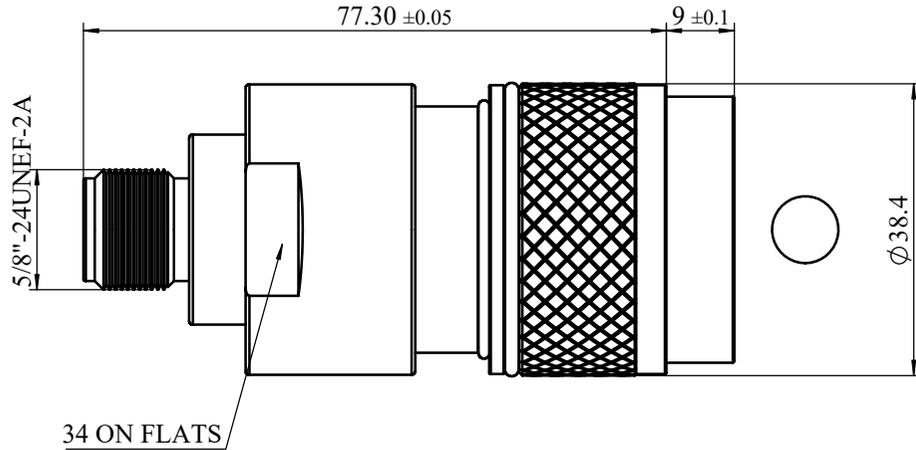


REVISIONS

VER	REV	DESCRIPTION	DATE
2	0	FIRST RELEASE	2020.1.14



RECOMMENDED  
CABLE STRIPPING DIM'S

REFERENCE STANDARD IEC61169-16

1. ELECTRIC PERFORMANCE

NOMINAL IMPEDANCE( $\Omega$ )	50
FREQUENCY RANGE	DC-6GHz
VSWR	$\leq 1.1$ (DC-3GHz)
	$\leq 1.25$ (3-6GHz)
PIM(dBc)	$\leq -160$ (2*43dBm)
INSERT LOSS(dB)	$\leq 0.05$ √F(GHz)
INSULATION RESISTANCE(M $\Omega$ )	$\geq 5000$
PROOF VOLTAGE(Vrms)	2500
CONTACT RESISTANCE(m $\Omega$ )	OUTER CONDUCTOR <0.4
	INNER CONDUCTOR <0.8

2. MECHANICAL PERFORMANCE

RETENTION	$\geq 0.56N$
MATING CYCLES	500
TENSILE STRENGTH	500N
TORSION(CABLE-CONNECTOR)	5N

3. MATERIAL AND PLATING

INNER CONDUCTOR	SPRING COPPER	Ag5 $\mu$ m
OUTER CONDUCTOR	BRASS	COPPER TIN-ZINC3 $\mu$ m
INSULATOR	TPX/PTFE	
O-RING	SILICONE RUBBER	

4. ENVIRONMENT

TEMP.RANGE	-40°C~+85°C
WEATHER STANDARD	IEC 60068 40 / 085/ 21
THERMAL SHOCK	IEC 60068 -2-14-Na
VIBRATION	IEC 60068-2-6-Fc
SHOCK	IEC 60068-2-27
WATERPROOFING STANDARD	IP67
ROHS COMPLIANT	

5.ASSEMBLY: INNER CONDUCTOR INSTALLED, OUTER CONDUCTOR COMPRESSED

DRAWN WANGYING		TITLE NF-7/8"L ACC		 AMPHENOL FUYANG CO.,LTD CHANGZHOU, CHINA		
CHECKED YUYING						DRAWING NO. AFS-A500-1
APPROVED LIBO		SHEET 1/1	SCALE 1.5/1	METRIC mm	PART NO. AFA500-1	