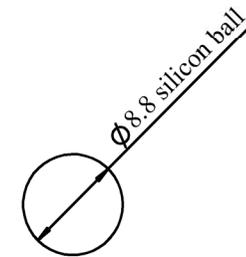
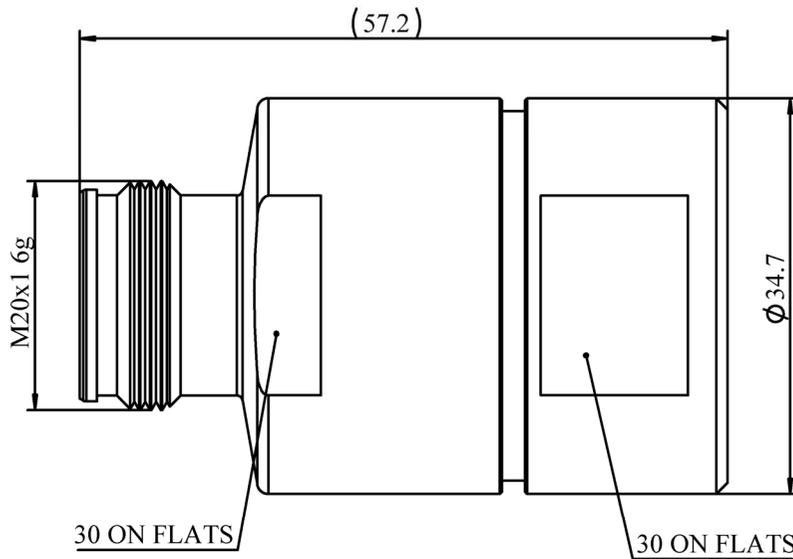


REVISIONS

VER	REV	DESCRIPTION	DATE
1	0	FIRST RELEASE	2024.10.18



REFERENCE STANDARD

1. ELECTRIC PERFORMANCE

NOMINAL IMPEDANCE(Ω)
 FREQUENCY RANGE
 RETURN LOSS(dB)

PIM(dBc)
 INSERT LOSS(dB)
 INSULATION RESISTANCE(M Ω)
 WITHSTANDING VOLTAGE(V_{rms})
 CONTACT RESISTANCE(m Ω)

2. MECHANICAL PERFORMANCE

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

IEC60169-54

50
 DC-5GHz
 ≤ -26 (DC-3GHz)
 ≤ -23 (3-4.2GHz)
 ≤ -160 (2*43dBm)
 $\leq 0.05*\sqrt{f}$ (GHz)

≥ 5000
 2500
 OUTER CONDUCTOR <1.0
 INNER CONDUCTOR <1.0

$\geq 4N$ (OUTER CONDUCTOR)
 $\geq 1.5N$ (INNER CONDUCTOR)
 100
 30N
 500N
 5N.m

3. MATERIAL AND PLATING

INNER CONDUCTOR
 OUTER CONDUCTOR
 BODY
 INSULATOR
 O-RING

SPRING COPPER Ag3 μ m
 BRASS Ag3 μ m
 BRASS COPPER-TIN-ZINC3 μ m
 TPX
 SILICONE RUBBER

4. ENVIRONMENT

TEMP.RANGE
 WEATHER STANDARD
 THERMAL SHOCK
 VIBRATION
 SHOCK
 SALT SPRAY
 WATERPROOF 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
 240HOURS
 IP68

5.ASSEMBLY: INNER AND OUTER CONDUCTOR INSTALLED

DRAWN yuying 2024.10.18 13:16:24 +08'00'		TITLE 4.3/10F- 7/8"LA CABLE			 AMPHENOL FUYANG CO.,LTD CHANGZHOU, CHINA DRAWING NO. AFS-DF104-1 VER 1 REV 0	
CHECKED WangYing 2024.10.18 13:15:37 +08'00'		SHEET 1/1 SCALE 1.5/1 METRIC mm				
APPROVED WuRenJie 2024.10.18 13:07:20 +08'00'		PART NO. AFDF104-1				