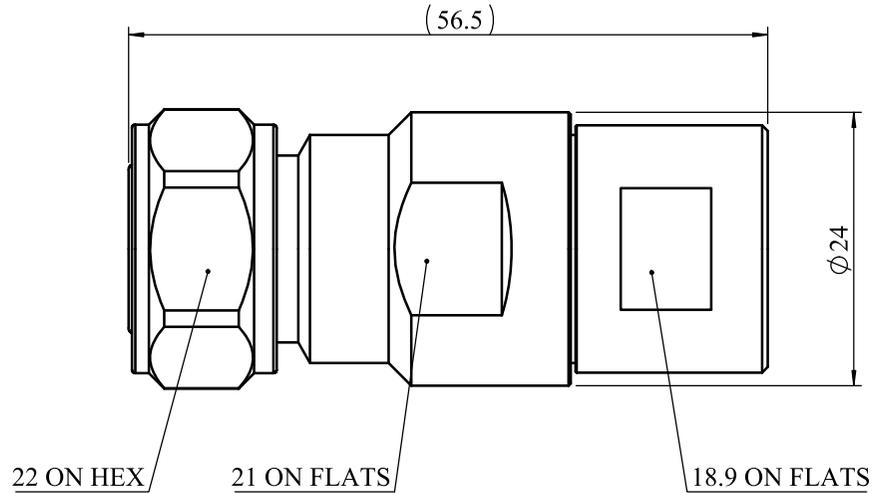


REVISIONS

VER	REV	DESCRIPTION	DATE
2	0	FREQUENCY RANGE ADD DTF CHANGED	2024.5.9



REFERENCE STANDARD

1. IMPEDANCE(Ω)	IEC61169-54
FREQUENCY RANGE	50
DTF(dB)	DC-6GHz
PIM(dBc)	≤ -35
INSERT LOSS(dB)	$\leq -160(2*43dBm)$
INSULATION RESISTANCE(M Ω)	$\leq 0.1*\sqrt{F}(6GHz)$
PROOF VOLTAGE(V)	≥ 5000
CONTACT RESISTANCE(m Ω)	2500
	OUTER CONDUCTOR <1.0
	INNER CONDUCTOR <1.0

2. MECHANICAL PERFORMANCE

NUT TORQUE	10N.m
(NUT)WHORL PULL	500N
TENSILE FORCE(CABLE-CONNECT)	500N
TORSION(CABLE-CONNECTOR)	5N.m

3. MATERIAL AND PLATING

INNER CONDUCTOR	SPRING COPPER	Ag3 μ m
OUTER CONDUCTOR	BRASS	Copper-tin-zinc3 μ m
NUT	BRASS	Ni5 μ m
INSULATOR	TPX RT18	
O-RING	SILICONE RUBBER	

4. ENVIRONMENT

TEMP.RANGE	-40 $^{\circ}$ C~+85 $^{\circ}$ C
WEATHER STANDARD	IEC 60068 40/ 85/ 21
THERMAL SHOCK	IEC 60068 -2-14-Na
VIBRATION	IEC 60068-2-6-Fc
SHOCK	IEC 60068-2-27
WATERPROOFING STANDARD	IP68
ROHS COMPLIANT	

5.ASSEMBLY:INNER AND OUTER CONDUCTOR INSTALIED

DRAWN	yuying 2024.05.10 09:10:06 +08'00'	TITLE(006)	4.3/10SM-1/2"L		 AMPHENOL FUYANG CO.,LTD CHANGZHOU, CHINA		
CHECKED	LiWenYan 2024.05.09 15:34:55 +08'00'					DRAWING NO.	VER
APPROVED	QianBo 2024.05.10 09:41:00 +08'00'	SHEET	SCALE	METRIC	AFS-DF57-3	2	0
		1/1	1.5/1	mm	AFDF57-3		