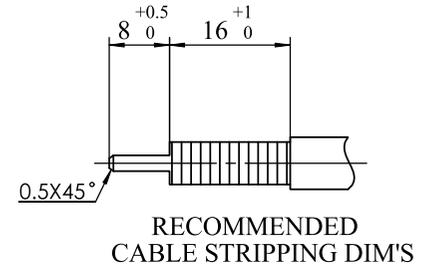
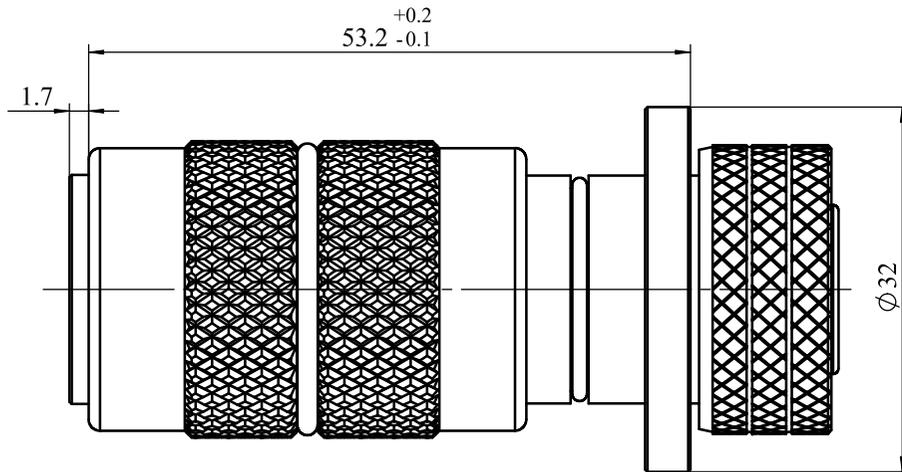


REVISIONS

REV	DESCRIPTION	DATE
0	FIRST RELEASE	2019.12.12



REFERENCE STANDARD

IEC60169-54

1. ELECTRIC PERFORMANCE

NOMINAL IMPEDANCE(Ω)
FREQUENCY RANGE
VSWR

50
DC-6GHz
 ≤ 1.15 (DC-3GHz)
 ≤ 1.35 (3-6GHz)
 ≤ -160 (2*43dBm)

PIM(dBc)
INSERT LOSS
INSULATION RESISTANCE(M Ω)
PROOF VOLTAGE(V)
CONTACT RESISTANCE(m Ω)

≤ 0.1
 ≥ 5000
2500
OUTER CONDUCTOR <1.0
INNER CONDUCTOR <1.0

2. MECHANICAL PERFORMANCE

(NUT)WHORL PULL
ENGAGEMENT FORCE
SEPARATION FORCE
TENSILE FORCE(CABLE-CONNECTOR)
TORSION(CABLE-CONNECTOR)

500N
 $\leq 80N$
 $\leq 60N$
500N
5N.m

3. MATERIAL AND PLATING

INNER CONDUCTOR
OUTER CONDUCTOR
NUT
INSULATOR
GASKET

SPRING COPPER Ag5 μ m
BRASS COPPER-TIN-ZINC2 μ m
BRASS COPPER-TIN-ZINC2 μ 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 2019.12.13 08:31:14 +08'00'		TITLE 4.3/10QM-1/2"L		 AMPHENOL FUYANG CO.,LTD CHANGZHOU, CHINA	
CHECKED WangYing 2019.12.12 16:27:22 +08'00'		DRAWING NO. AFS-DF77-3		VER 3	REV 0
APPROVED LiBo 2019.12.13 08:34:25 +08'00'		SHEET 1/1	SCALE 1.5/1	METRIC mm	PART NO. AFDF77-3