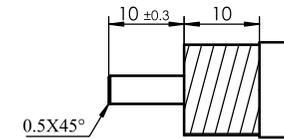
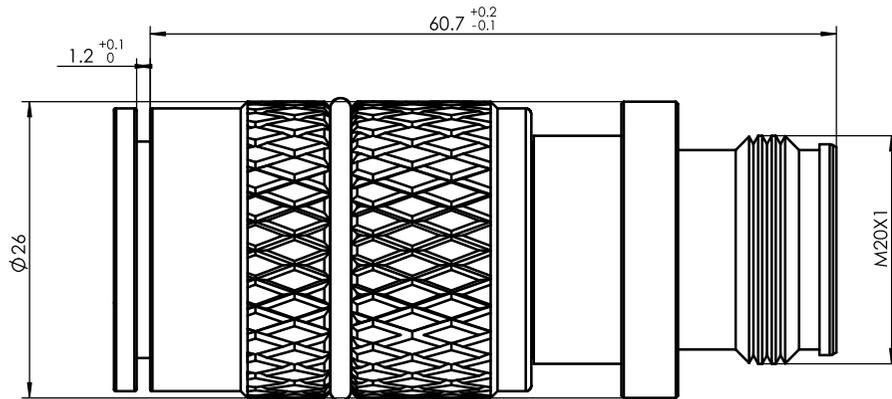


REVISIONS

REV	DESCRIPTION	DATE
0	FIRST RELEASE	202310.27



RECOMMENDED  
CABLE STRIPPING DIM'S

REFERENCE STANDARD

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

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

2. MECHANICAL PERFORMANCE  
RETENTION

TENSILE FORCE(CABLE-CONNECTOR)  
INNER CONDUCTOR TORQUE

IEC 61169-54

50  
DC-6GHz  
 $\leq 1.15$ (DC-3GHz)  
 $\leq 1.25$ (3-6GHz)  
 $\leq -160$ (2\*43dBm)  
 $\leq 0.05$  $\sqrt{F}$ (GHz)  
 $\geq 5000$   
2500  
OUTER CONDUCTOR <1.0  
INNER CONDUCTOR <1.0

$\geq 4N$  (OUTER CONDUCTOR)  
 $\geq 1.5N$  (INNER CONDUCTOR)  
500N  
0.05N.m

3. MATERIAL AND PLATING

INNER CONDUCTOR  
OUTER CONDUCTOR  
BODY  
INSULATOR  
O-RING

4. ENVIRONMENT

TEMP.RANGE  
WEATHER STANDARD  
THERMAL SHOCK  
VIBRATION  
SHOCK  
SALT SPRAY  
WATERPROOF STANDARD  
ROHS COMPLIANT

5.ASSEMBLY:INNER CONDUCTOR INSTALLED AND OUTER CONDUCTOR COMPRESSED

SPRING COPPER  
BRASS  
BRASS  
PTFE  
SILICON RUBBER

Ag5 $\mu$ m  
Ag3 $\mu$ m  
Copper tin-zinc3 $\mu$ m

-55 $^{\circ}$ C~+85 $^{\circ}$ C  
IEC 60068 55 / 125/ 56  
IEC 60068 -2-14-Na  
IEC 60068-2-6-Fc  
IEC 60068-2-27  
240HOURS  
IP68

DRAWN yuying 2023.10.30 08:58:22 +08'00'		TITLE 4.3/10F-1/2" H			 AMPHENOL FUYANG CO.,LTD CHANGZHOU, CHINA DRAWING NO. AFS-DF140-1 VER 1 REV 0	
CHECKED		SHEET 1/1	SCALE 1.5/1	METRIC mm		
APPROVED WuRenJie 2023.10.30 09:10:51 +08'00'		PART NO. AFDF140-1				