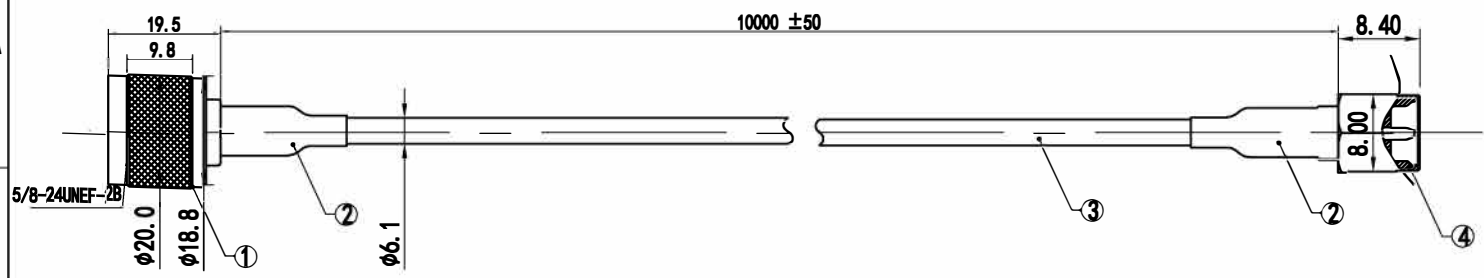


REV.	FILE No.	DRAWN BY	DATE
AO	New drawing	WANG FANG	2023.12.21



NOTES:

**CABLE ASSEMBLY SPECIFICATIONS:
ELECTRICAL CHARACTERISTIC:**

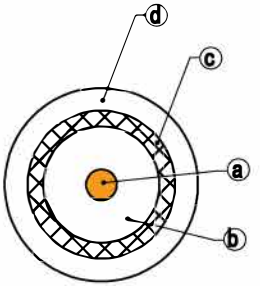
1. IMPEDANCE: 50 OHMS
FREQUENCY RANGE: DC to 3GHz
CONTACT RESISTANCE: CONDUCTOR CONTACT 20m Ohms
GROUND CONTACT 15m Ohms

ENVIRONMENT:

2. OPERATING TEMP:-40 TO +80°C

TORQUE:

3. PULL FORCE TNC & SMA 3 KG
4. ALL MATERIALS MUST MEET THE REQUIREMENTS OF EU ROHS DIRECTIVE(EU) 2015/863
5. CONNECTORS HAVE BEEN SALT SPRAY TESTED FOR 24 HOURS



CABLE SECTION

CONSTRUCTION SPECIFICATION		
	MATERIAL	DETAILS (mm)
A. INNER CONDUCTOR	BARE COPPER	1X1.42
B. DIELECTRIC	FPE	3.8
C. OUTER CONDUCTOR	Alumina-magnesium wire	16X8X0.12
D. JACKET	PVC	6.1
ELECTRICAL CHARACTERISTICS		
IMPEDANCE (Ohm)	50	
CAPACITANCE (Pf/m)	80	
VELOCITY (%)	83	
BENDING RADIUS (mm)	30	
ATTENUATION CONSTANT AT 20°C		
FREQUENCY (Mhz)	ATTENUATION (dB/m)	
450	0.173	
900	0.248	
1800	0.357	
3000	0.468	

NO	PART NAME	PART NUMBER	QTY	COLOR
4	SMA MALE (GOLD PLATED BRASS)	SMA-J-4	1	GOLD
3	LMR240 BLACK CABLE L=10M	HX024001	1	BLACK
2	HEAT SHRINK TUBING (BLACK)	8.0-L20	2	BLACK
1	N MALE (NICKEL PLATED BRASS)	N-C-J-4	1	SILVER

Finished product graphics			RF ANTENNA ASSEMBLY N Male to SMA Male, LMR240 (T240) 500hm, 10M
X.X ±0.20	X.X° ±2°		
X.XX ±0.10	X.XX° ±1°	Wang Fang	2023.12.21
X.XXX ±0.05	X.XXX° ±0.5°		

COMPLIANCE WITH THE REQUIREMENT: RoHS, HF; SONY SS-00259; OTHER.
*NO USING RESTRICTED AND BANNED SUBSTANCE

比例: 1:5
单位: mm
页面: 1/1