

REV.	FILE No.	DRAWN BY	DATE
A0	New drawing	WANG FANG	2024.07.18

NOTES:

CABLE ASSEMBLY SPECIFICATIONS:
ELECTRICAL CHARACTERISTIC:

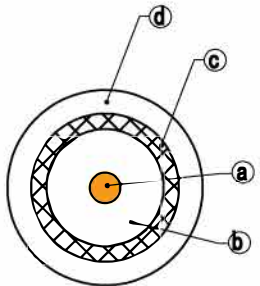
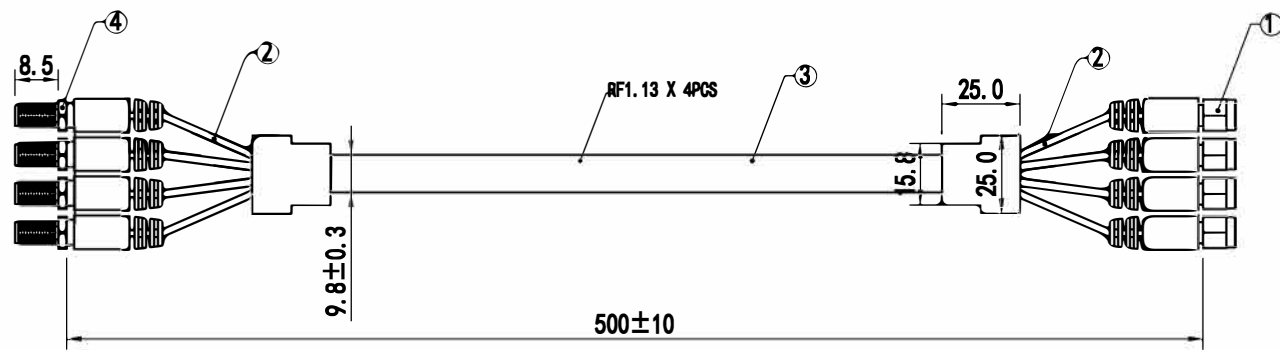
1. IMPEDANCE: 50 OHMS
 FREQUENCY RANGE: DC to 6GHz
 CONTACT RESISTANCE: CONDUCTOR CONTACT 20m Ohms
 GROUND CONTACT 15m Ohms

ENVIRONMENT:

2. OPERATING TEMP:-20 TO +85°C

TORGUE:

3. PULL FORCE 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 48 HOURS



CABLE SECTION

CONSTRUCTION SPECIFICATION	
	DETAILS (mm)
A. INNER CONDUCTOR	SLIVER-PLATED COPPER 7X0.08
B. DIELECTRIC	FEP 0.66
C. OUTER CONDUCTOR	TINNED-PLATED COPPER 16X4X0.05
D. JACKET	FEP 1.13
ELECTRICAL CHARACTERISTICS	
IMPEDANCE (Ohm)	50
CAPACITANCE (Pf/m)	98
VELOCITY (%)	70
BENDING RADIUS (mm)	5
ATTENUATION CONSTANT AT 20°C	
FREQUENCY (Mhz)	ATTENUATION (dB/m)
1000	2.5
2000	3.4
3000	4.3
6000	6.4

NO	PART NAME	PART NUMBER	QTY	COLOR
4	SMA FEMALE (GOLD PLATED BRASS)	SMA-K-1.13	4	GOLD
3	RF1.13 CABLE	RF113010500	4	BLACK
2	PVC TUBE (BLACK)	2030900	8	BLACK
1	SMA MALE (GOLD PLATED BRASS)	SMA-J-1.5	4	GOLD

Finished product graphics			
X.X	±0.20	X.X°	±2°
X.XX	±0.10	X.XX°	±1°
X.XXX	±0.05	X.XXX°	±0.5°

RF ANTENNA ASSEMBLY
 4x4 MIMO Window Cable 1.13mm SMA female to SMA male

4X4 MIMO-SMAF-SMAM

COPIANCE WITH THE REQUIREMENT: RoHS, HF; SONY SS-00259; OTHER.

*NO USING RESTRICTED AND BANNED SUBSTANCE