

Shenzhen Invelion Technology Co.,Ltd.

UHF RFID ceramic antenna

YR1818-US Datasheet

1. Electrical Characteristics

1	Antenna Model	YR1818 (18mm*18mm*4mm)
2	Frequency Range	915MHz±1MHz
3	V.S.W.R	2.0 MAX
4	Band With@10dB	3MHz MIN
5	Gain	0.5dB typ @70mm*70mm groundplane
6	Impedance	50 Ω
7	Polarization	RHCP
8	Frequency Temperature Coefficient max	20 (ppm/deg.°C)

2. Material

1	Antenna	Dielectric Ceramics
2	PCB	FR4
3	RF Cable	RG1.13
		L=12CM (+/-1cm more or less)
4	RF Connector	IPEX-1

3. Environment Condition

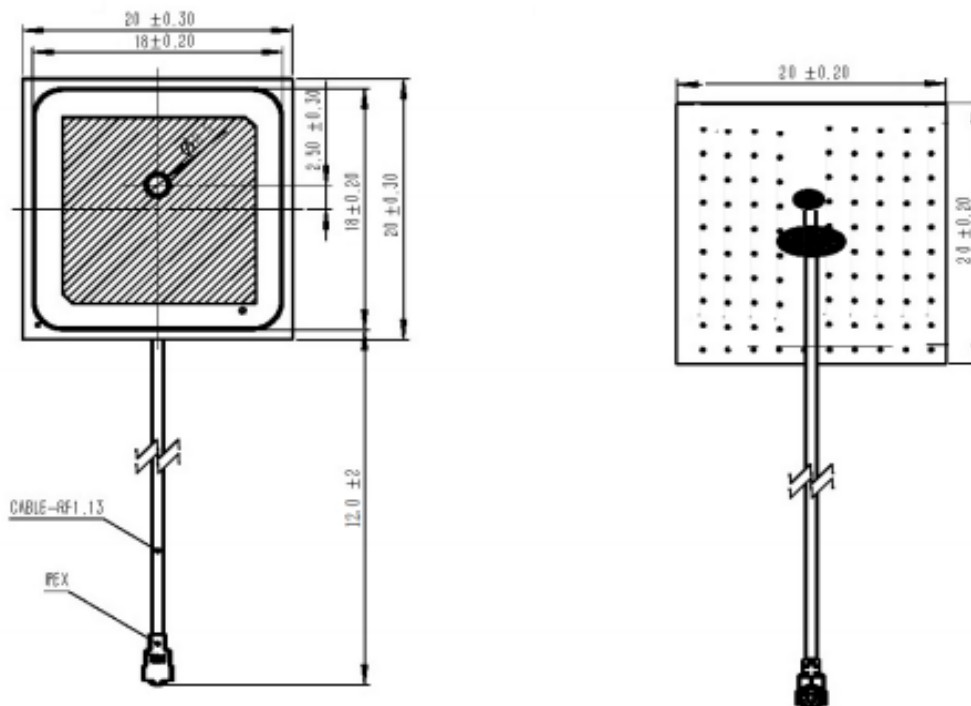
1	Working Temp	-40°C~+85°C, 10%~95% RH
2	Storage Temp	-55°C~+100°C, 10%~95% RH
3	Vibration	Sine sweep @1.5mmAM 10~55Hz each Axis

4. Testing Curve

Patch Simth& VSWR



5. Structure



Manufacturer: Shenzhen Invelion Technology Co.,Ltd.

Address: B410-420, Qinghu Technology Park, QINGXIANG ROAD, LONGHUA DISTRICT, Shenzhen, China

Tel: +86-755-29743399

Fax: +86-755-83178818

Email: lisa@invelion.net

Website: www.invelion.net