



The UHF SLIM monostatic antenna has great performance, strength and great design. Passed in various tests, it can be used in different environments. Can be used with any ACURA UHF RFID reader that uses monostatic antennas

Regulation	RoHS, CE 0682
Frequency	902-928 MHz
Gain	8.0 ± 0.5 dBic
VSWR	1.3:1 (Typical), 1.5:1 (Máx)
Polarization	LHCP
3dB Elevacion Beamwidth	65° (Typical)
3dB Azimuth Beamwidth	65° (Typical)
Relation F/B	18 dB (Typical)
Power	6 W (Max)
Input Impedance	50 (Ohm)
Axial Ratio	2 dB (Typical), 4 dB (Max)
Lightning protection	DC Grounding

Físicas	
Dimensions	260,5 x 260,5 x 13 mm (Máximo)
Connector	SMA - Female
Weight	1 Kg (Max)
Material Radome	Plastic
Motherboard	Plastic
Outline Drawing	RD44158200C



Environmental Test

Test	Pattern	Duration	Temperature	Observações
Low Temperature	IEC 68-2-1	72 h	-30°C	
High Temperature	IEC 68-2-2	72 h	+75°C	
Vibration	IEC 60721-3-1	30 min/Axis		Random 4m3
Mechanical Shock	IEC 60721-3-4			4m3
Humidity	ETSI EN300-2-4 T4.1E	144 h		95%
Protection	IEC 529			IP54
Solar radiation	ASTM G53	2000 h		
Flammability	UL 94			Clase V2
Salt Spray	IEC 68-2-11 Ka	200 h		
Wind speed Maximum Operational				200 Km/h 160 Km/h
Wind load (survival) Frontal Impulse Lateral Impulse				17.8 Kg 1.4 Kg

Purchase Code:

501.092: UHF Antenna Slim Mono Circular 8.5 dBic