

- **RX:895-905MHz/TX:940-50MHz**
- **Double unit for easy use with XPol antennas**
- **Supports CWA, AISG 1.1 and AISG 2.0 (default)**
- **Suitable for antenna RET control according to AISG/3GPP standard**
- **Bypass mode to ensure cell operation in case of DC power down**
- **Built-in lightning protection**
- **Low Inrush Current**
- **ATSC attenuation**



Technical Data

Electrical Specifications			
Type No.		96520037	
Tx Characteristics		Rx Characteristics	
Frequency range (MHz)	940-950	Frequency range (MHz)	895-905
Insertion loss(dB)	≤0.5	Insertion loss(dB)	≤2
Group delay(ns)	≤45	Group delay(ns)	≤45
PIM3 (@2x43 dBm Carrier)	≤-160	Fluctuation in band(dB)	±0.5tpy.
Return loss(dB)	≥18	Gain(dB)	12±1
Input power(W)	≤200	Noise figure(dB)	1.8
Peak power(W)	≤1000	Return loss(dB)	≥18
Impedance(Ω)	50	Input power(W)	≤1.6
		Impedance (Ω)	50

Mechanical Specifications	
Dimensions, HxWxD (excluding connectors and mounting)	273x265x85.8
Weight (including connectors and mounting bracket) (kg)	7.8
Packing Size(mm)	450x340x160
Connector Type	7-16 Female (long neck)
Color	Light Gray (customized)
Mounting	Pole (clamps included for Φ35-125mm pole) or Wall Mounted
EMC	According to ETS 300 342-3
Material	Aluminum housing
Alarm management by AISG	By AISG

Power supply mode	
DC power supply	10-30V
Working current	280 @ 10V, 110 @ 30V

Environmental Specifications	
Operational Temperature (°C)	-40~+60
Operational Humidity (%)	≤95
Ingress Protection Class	IP67 (Indoor and Outdoor)
Lightning Protection	3kA; 10/350 μs pulse

Outline Drawing

