

474876A AWHQF AirScale Micro RRH 4T4R n78 40W

# Technical Datasheet

v1.1

# AWHQF AirScale Micro RRH 4T4R n78 40W

## Technical data

Specification	Details
<b>Standard/Regulatory</b>	3GPP compliant, TDD/ETSI
<b>Band / Frequency range</b>	n78 n78, 3600-3800MHz
<b>Max. supported modulation</b>	256QAM (DL), 64QAM (UL)
<b>Number of TX/RX paths</b>	4T4R
<b>Instantaneous bandwidth IBW</b>	IBW: 200MHz
<b>Occupied bandwidth OBW</b>	OBW: 100MHz
<b>Max. output power per TRX</b>	10 W / TRX (40 W total)
<b>Dimensions</b>	245(w) x 295(h) x 110(d) mm
<b>Volume</b>	Volume: ~8L
<b>Weight</b>	Weight: ~11kg (w/o antenna)
<b>Input Power</b>	76 to 288 VAC or -40.5 to -57 VDC
<b>Power consumption</b>	Max: 345W. Typical: 285W
<b>Optional Antenna</b>	AAHQ, Gain: 9dBi; Configuration: 4Tx/4Rx with Nex-10 connectors
<b>Optical ports</b>	Three SFP+ Ports (3x 9.8Gbps) via CPRI interface
<b>EAC</b>	One EAC port supporting two external alarms
<b>AISG</b>	One AISG connector. Voltage: 24V. Max power: 30W.
<b>Operational temperature range</b>	- 40°C to +55°C
<b>Storage Temperature Range</b>	- 40°C to +70°C
<b>Installation options</b>	Pole, Wall, Book, Rail, Stacked, Shroud
<b>Ingress / Seismic</b>	IP65, Zone-4
<b>Supported RAT</b>	5G

## 5G AirScale Micro RRH benefits

- Connectivity with AirScale BBU (via CPRI)
- 4T4R with 10W per Tx path
- Deployment flexibility for different use cases
  - Small form factor with integrated antenna array
  - Tunable output power
  - Multiple mounting options



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# Change history

Version	Description of Changes	Date	Author	Status	Reviewed by
1.0	AWHQF New Format	Feb-08, 2021	Anne Kingsbury	-	
1.1	Minor formatting changes	Feb-28, 2022	Anne Kingsbury	Release	