

AZQC AirScale Micro RRH

4T4R n48/B48 20W

Technical Datasheet

V1.0

The Nokia logo is displayed in white, uppercase letters within a large white arrow graphic that points to the left. The arrow is composed of two thick, parallel lines that converge to a point on the left side of the page. The background of the entire page is a gradient of blue, transitioning from a darker blue at the top to a lighter teal at the bottom.

AZQC AirScale Micro RRH 4T4R n48/B48 20W

Technical data

	Product Specifications
Standard	3GPP/FCC
Supported RAT*	4G/5G, TDD
Band / Frequency range	Band-48 (3550-3700MHz)
Max. supported modulation*	256QAM (TX), 64QAM (RX)
Number of TX/RX paths	4T4R
Instantaneous bandwidth (IBW)	150MHz ¹
Occupied bandwidth (OBW)	80MHz
Max. RF output power	20W
Dimensions (H×W×D)	DC: 295mm x 245mm x 75mm; AC: 295mm x 270mm x 75mm;
Volume	DC: 5.8L; AC: 6.5L
Weight (excluding mounting bracket)	DC: 6.4Kg; AC: 7.6kg
Supply voltage / Connector type	DC: -40.5V to -57V/OCTIS Plug Kit DC Power AC: 80V to 276V (via external AC/DC converter) /OCTIS Plug Kit AC Power
Antenna ports	Nex-10
Optical ports	2x SFP+ Ports, CPRI 9.8 Gbps (Rate 7)
Other interfaces / Connector type	One EAC port, supporting two external alarms
Operational temperature range	-40 °C ... +55 °C
Cooling	Convection
Installation options	Pole, Wall, Bookshelf, Stacked, Shroud
Ingress / Surge protection	IP65, AC/DC Power Port: ±6 kV pulse 1.2/50 µs, RS=2Ω

*HW specifications, capabilities are subject to relevant feature support

¹HW supports IBW of 150MHz, when the center frequency spacing between adjacent carriers is less than or equal to 110MHz.

AirScale Micro RRH benefits

- Manages cell site costs with right size radio for the right purpose.
- Reduces OPEX with common management system for Macro and Micro cells
- Provides deployment flexibility for different use cases with versatile installation scenarios
- Tunable Output Power



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