

475244A AZQJ AirScale RRH 8T8R n78 320W Technical Datasheet

v1.3

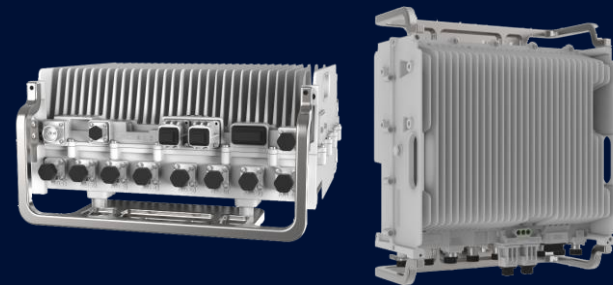
AZQJ AirScale RRH 8T8R n78 320W

Technical data

Specification	Details
Standard	3GPP compliant, TDD
Band / Frequency range	n78 3480 - 3800 MHz
Max. supported modulation	256 QAM
Number of TX/RX paths	8T / 8R
MIMO streams	8 (8T8R mode), 4 (2x4T4R mode)
Instantaneous bandwidth IBW	200 MHz
Occupied bandwidth OBW	LTE 160 MHz, NR 200 MHz
Max. output power per TRX	40 W / TRX (320 W total)
Dimensions	350 mm (H) x 395 mm (W) x 190 mm (D)
Volume	26.3 l
Weight	24 kg (without mounting bracket)
Supply voltage / Connector type	DC -36 V ... -60 V / 2 pole connector
Power consumption	476 W typical (ETSI 24h avg.)
Antenna ports, Calibration port	8 x 4.3-10, 1 x 4.3-10
Optical ports	2 x SFP28, 9.8G CPRI or 10/25GE eCPRI
Other interfaces / Connector type	Control AISG2.0/3.0, External Alarms / MDR26, Status LED
Operational temperature range	-40 °C ... +55 °C
Cooling	Natural convection cooling
Installation options	Pole, Wall, Tower, Book
Ingress / Surge protection	IP65, Class II 20 kA

AirScale High Power RRH benefits

- Connectivity with AirScale BBU CPRI or eCPRI
- Beamforming capable 8T8R with 8x 40 W
- Various operating modes: 8T8R , 2x 4T4R and 4x 2T2R
- Upgradeable to concurrent LTE+NR via SW
- Deployment flexibility for different use cases with multiple mounting options



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