

Tejas 4G/5G RRH

FDD Bands & TDD Bands

Tejas' Radio Unit is available in single band and dual band variants in B1, B3, B5, B8, B28 FDD Bands and B38, B39, B40, B41, B42 TDD Bands, supporting 2T2R and 4T4R configurations.

Tejas' RRH provides wireless access to subscriber terminals or User Equipment (UE) through our Tejas Base Bands in eNodeB/gNodeB Base station.



The RU is compact, easy to install and designed for high power outdoor deployments, such as providing high speed broadband and voice services to meet the demand of 4G LTE Mobile Carriers, upgradable to 5G NR.



FEATURES



Zero Foot-Print,
Tower/Pole mounted platform



Power efficient, reducing
operational costs



40W Radiated Power per Port



Supports 4G/5G/NB-IoT



Full Band IBW Support



Split sector Support for
2 x 2T2R deployments

Key Specifications

Supported Bandwidth Variants	Band 01, 03, 05, 08, 28 (FDD) and Band 38, 39, 40, 41, 42 (TDD)
Bandwidth	Upto 20 MHz (4G) Upto 40 MHz (5G)
IBW and OBW	Full band and 40 MHz
Output Power	40W per port
MIMO	4x4 and 2x2
Front Haul Interface	Optical (CPRI and eCPRI)

Mechanical

Mounting	Tower, Wall and Pole Mount
Ingress Protection Rating	IP67 complaint outdoor installable enclosure

Electrical

Power Supply	-40 V DC to -60 V DC
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Environment

Operating Temperature	-15°C to 55°C (-40°C to 55°C — Roadmap)
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Compliances

3GPP	Release 15 compliant
ORAN	7.2x