Aviat NETWORKS

PASOLINK IAP3

ADVANCED GRADE HIGH-POWER ODU

DATASHEET

Pasolink IAP3 is a new generation outdoor radio unit (ODU) that combines high capacity with highest radio performance to enable longer paths using smaller antennas while maximizing path availability. IAP3 also supports advanced wireless transport options such as Carrier Aggregation to make it prepared for the demands of 5G and Private networks worldwide.

High Capacity

Supporting up to 4096QAM and 112 MHz channels, the Pasolink IAP3 delivers high-capacity capability that is ready for 5G, along with additional advanced features such as XPIC.

Market-leading size and weight

The smallest and lightest microwave radio on the market—built for space- and weight-constrained deployments. It delivers full performance in a compact form, helping you save tower space and reduce load for lower total cost of ownership.

Channel Aggregation

When used with the Pasolink VR4, the IAP3 ODU supports 2+0 channel aggregation to double capacity in a single ODU and no hybrid coupler.

Lowest TCO Solution

Small size, low power consumption, high RF performance and market-leading MTBF/reliability mean that IAP3 supports the lowest possible Total Cost of Ownership.

Highlights

- Frequency coverage from 6 to 23 GHz
- Small and light weight
- Exceptional system gain performance
- Channel Bandwidths up to 112 MHz
- QPSK to 4096 QAM Modulation range
- Power saving mode with ATPC function
- XPIC (CCDP) supported
- Double capacity in one ODU using Carrier Aggregation (with Pasolink VR4)
- Compatible with Pasolink IAP/IAG3 Series
- IAP3 ODU (6-23 GHz): 140 (W) x 183 (H) x 71 (D) mm. Approx. 2.5kg

Disclaimer

This material is for informational purposes only and does not constitute a legal obligation to deliver any product, feature or functionality and should not be relied upon in making purchasing decisions. All specifications are guaranteed values, at room temperature (20 to 30ºC, 68 to 86ºF), referenced to the ACU antenna port (including ACU losses) unless otherwise stated, and are subject to change without notice. The development, release and timing of any features or functionality described for our products is at Aviat Networks' sole discretion.

For details of availability, Please contact your Aviat Networks Sales Representative.