

ONYX Fronthaul Multiplexer

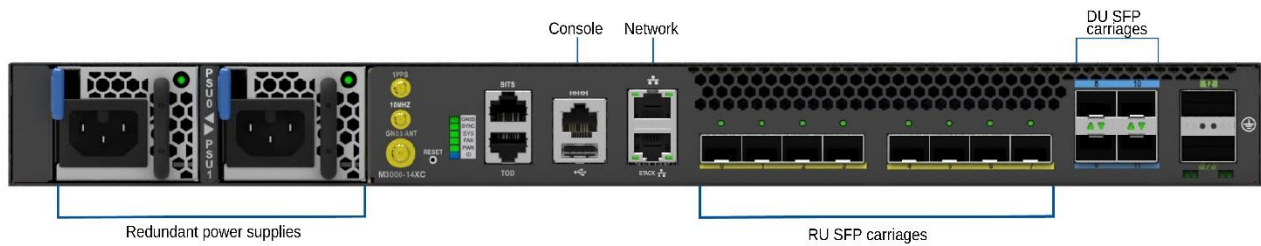
The GXC ONYX-Fronthaul Multiplexer (FHM) is a high-performance, versatile open networking device designed to expand coverage and maximize DU resources:

- Extend coverage by grouping RUs into virtual shared cells
- Cascade up to 8 FHMs with a total of 64 RUs
- Automatic fiber length compensation
- Full SyncE and IEEE 1558 v2 (T-TC) support



Hardware Specifications

Interfaces	8 x 10/25G SFP28 ports to O-RU 2 x 10/25G SFP28 ports to O-DU (4 future) 2 x 100/1000M RJ45 management port 1 x RJ45 serial console port
Timing Capabilities	ITU-T Synchronous Ethernet (SyncE) IEEE 1588v2 T-TC
Weight	9.21 lb.
Dimensions (H x W x D)	1 RU, 17.32 x 9.84 x 1.71 in (440 x 250 x 43.5 mm)
Mounting Options	Rack-mountable (1U form factor)
Power Supply	AC Input: 100 to 240V, 50 to 60Hz, 3A Hot swappable AC, 1+1 redundant PSUs Max Power: 188 Watts



Environmental Specifications

Operating Temperature/RH	-40°F to 158°F (-40°C to 70°C) 5% to 95% (RH), noncondensing
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Performance Specifications

Shared Cell Arrangement	1:8 (DU:RU)* 2:4 (DU:RU)* *Cascading can be used to extend coverage up to 64 RUs
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Regulatory Compliance

Safety	UL 62368-1 IEC 62368-1
EMC	FCC Part 15, Class A

Global Part Numbers

GXC-FHM-001	ONYX Fronthaul Multiplexer
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Dimensional Drawings

