

HYLAS 4



Launched in April 2018, HYLAS 4 doubles our capacity over EMEA. Using the latest Ka-band technology, it has 64 fixed beams serving Africa and Europe, as well as four independent steerable beams able to be steered anywhere visible on the Earth's disk from 33.5° W.

Satellite Specifications

Orbital location	33.5°W
Fixed capacity	24.64 GHz
Steerable capacity	3.68 GHz
Fixed beams	64
Steerable beams	4 Independently Steerable
Polarisation	Circular

Fixed User Beams

Beam Performance

EIRP (at edge of coverage)	> 59.0 dBW
G/T (at edge of coverage)	> 13.0 dB/K

Steerable Beams

Beam Performance

EIRP (at edge of coverage)	> 54.0 dBW
G/T (at edge of coverage)	> 7.0 dB/K

Steerable Beam Functionality

Mode of Operation	Gateway to User or Loopback
Steering Function	Steering to track objection in motion to Mack 1
Steering Commanding	Secure Customer Ticket or Secure API