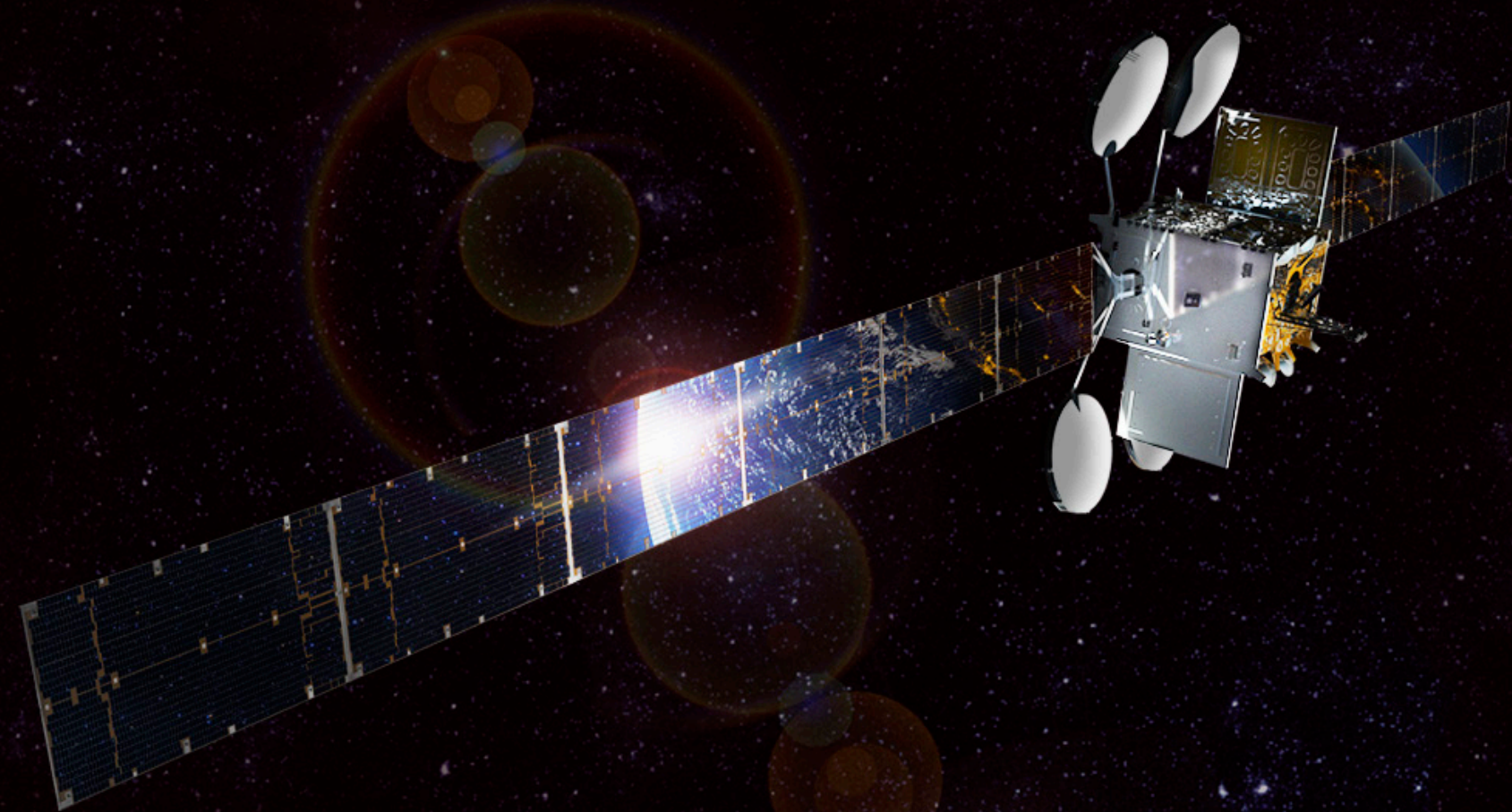


VIASAT-2 AT A GLANCE



- › **SOLAR ARRAY POWER GENERATED**
17.8 kW
- › **MASS AT LAUNCH**
6,418 KG | 14,149 LBS
- › **AMOUNT OF WAVEGUIDE**
~1/2 MILE
- › **AMOUNT OF COAXIAL CABLES**
~3/4 MILE
- › **AMOUNT OF ELECTRICAL WIRING**
~23 MILES
- › **NUMBER OF ELECTRONIC BOXES**
>300
- › **WINGSPAN (TIP-TO-TIP OF SOLAR ARRAYS)**
~158 FEET
- › **DESIGN & BUILD TIME**
40 MONTHS
- › **ORBITAL LOCATION**
22,236 MILES ABOVE THE EARTH'S EQUATOR
- › **ORBITAL SLOT LOCATION**
69.9° WEST LONGITUDE
- › **TOTAL NETWORK CAPACITY**
~260 GBPS
- › **FUEL HYBRID PROPULSION SYSTEM**
CHEMICAL FUEL: ~83% OF TOTAL PROPELLANT
XENON FUEL: ~17% OF TOTAL PROPELLANT



ABOUT VIASAT-2

The ViaSat-2 satellite system has improved speeds, reduced costs and expanded the footprint of broadband services across North America, Central America, the Caribbean, a portion of northern South America, as well as the primary aeronautical and maritime routes across the Atlantic Ocean between North America and Europe.

ViaSat-2 is a geostationary satellite that operates in Ka-band frequencies. It was designed to offer high-capacity connectivity and wide coverage, with the flexibility to move capacity to where demand requires it. ViaSat-2 has approximately 260 Gigabits per second (Gbps) of total network capacity, as well as provides seven times the broadband coverage over its predecessor. ViaSat-2 launched on June 1, 2017, and entered into service February 2018.