



# GREAT AUDIENCE, EASY ACCESS, ADVANCED TECHNOLOGY!

HOT BIRD™ 6 AT 13 DEGREES EAST, EUTELSAT'S PREMIUM ORBITAL POSITION FOR ENTERTAINMENT SERVICES.

Offering a total of 32 transponders (28 Ku-band, 4 Ka-band) and 8 SKYPLEX units for on-board multiplexing, HOT BIRD™ 6 delivers digital television and radio channels to satellite and cable homes in Europe, North Africa and large parts of the Middle East, reinforcing one of the largest broadcasting systems in the world.

Located at 13 degrees East, Eutelsat's leading orbital position, the HOT BIRD™ fleet boasts a combined capacity of over 100 transponders and broadcasts more than 850 TV and interactive channels to 113 million homes.

In addition to broadcasting services, HOT BIRD™ 6 also provides interactive and multimedia services over the same wide coverage area for professional applications such as video-conferencing, LAN interconnection, e-learning, telemedicine, media and corporate file delivery, game networks and more.

## **Ka-band and SKYPLEX: cost-effective broadcasting and IP business solutions**

HOT BIRD™ 6 has four transponders in the higher Ka-band frequencies, to deliver fully interactive IP and DVB services to small businesses and content providers. With four dedicated SKYPLEX on-board digital multiplexing units, HOT BIRD™ 6 combines on-board multiplexing and Ka-band, with a unique degree of operational flexibility, enabling domestic meshed data networks using small, low-cost terminals, for companies and local and national administrations.

Eutelsat's SKYPLEX technology also enables cost-effective broadcasting solutions for small content providers and companies seeking economic multicasting systems. Small transmitting terminals (90 cm dishes) can be used for broadcasting and "micro-broadcasting" and private contribution links are an alternative for local TV studios wishing to bypass digital platform services.

### KEY MARKETS

#### **KU-BAND**

- Europe
- North Africa
- Middle East
- Central Asia

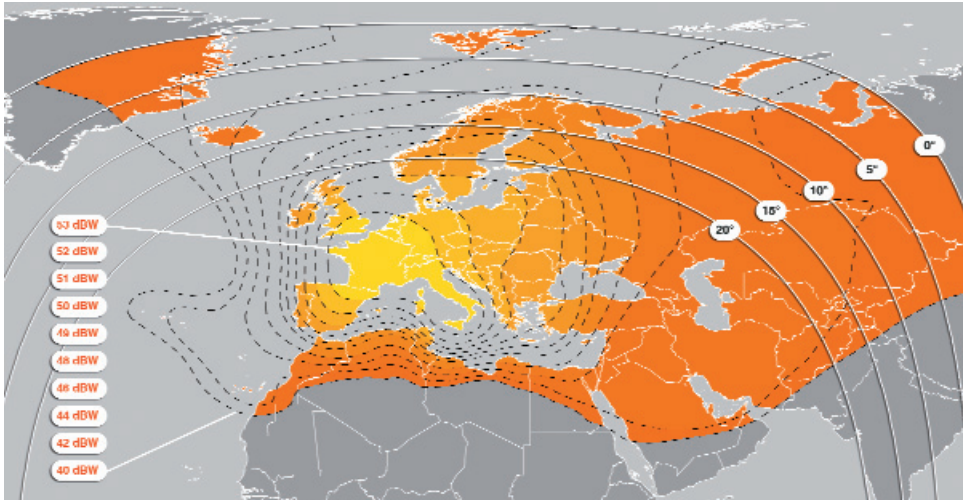
#### **KA-BAND**

- Europe

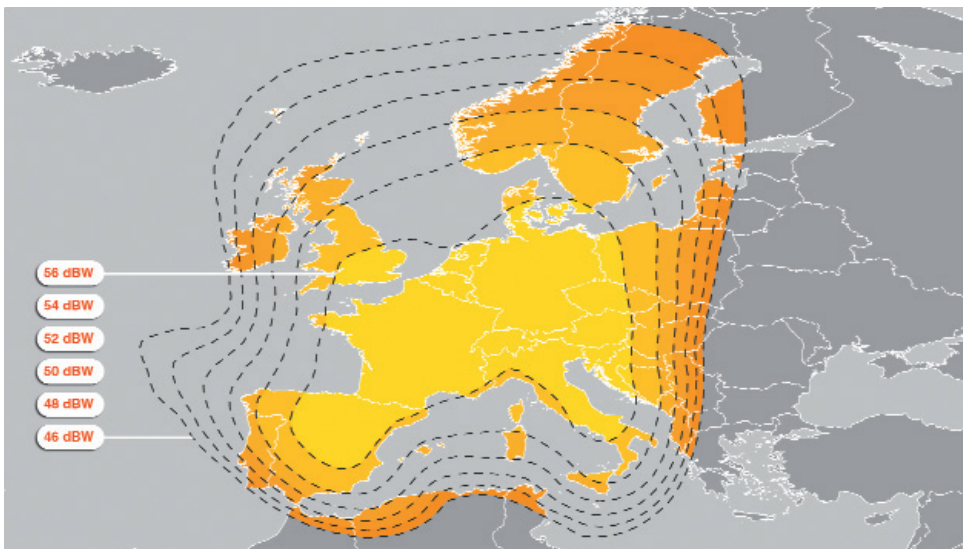
### KEY SERVICES

- TV and radio broadcasting
- HDTV services
- Interactive services
- SKYPLEX on-board multiplexing (video and data)
- Multimedia services

## COVERAGE MAPS AND SATELLITE INFOS



HOT BIRD™ 6 at 13 degrees East Ku-band downlink coverage



HOT BIRD™ 6 at 13 degrees East Ka-band downlink coverage

Satellite manufacturer:	Alcatel Alenia Space
Platform:	Spacebus 3000 B3
Launch mass:	2995kg (6600 lbs)
Projected lifetime:	>12 years
Launch:	ATLAS V
Orbital position:	13 degrees East
Operational transponders:	28 Ku-band, 4 Ka-band
Downlink frequencies:	10.70 GHz - 11.20 GHz, 11.45 GHz - 11.70 GHz, 12.50 GHz - 12.75 GHz, 19.70 GHz - 20.2 GHz