

ASTRA 2B FOOTPRINTS



Typical dish sizes:

50 cm

60 cm

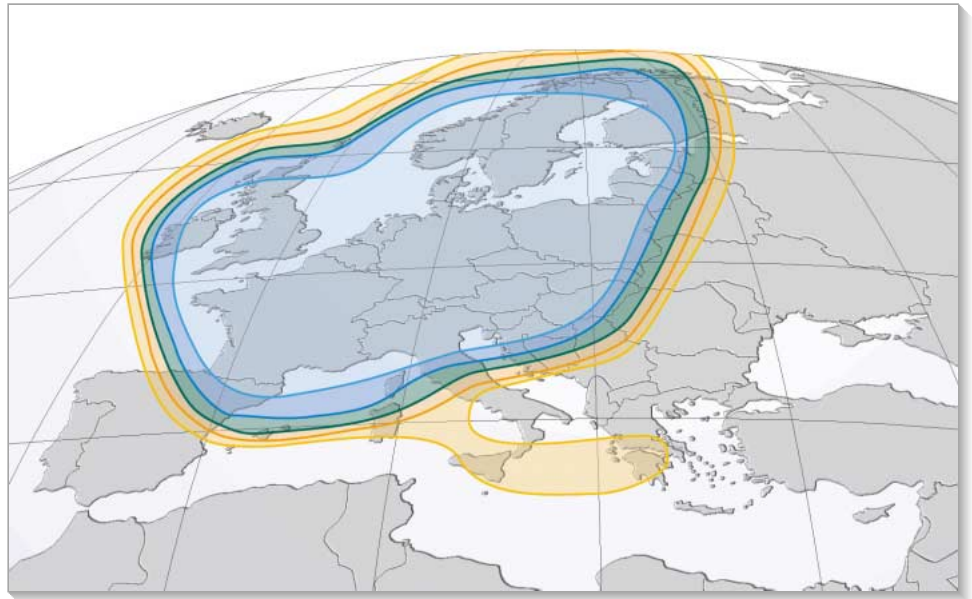
75 cm

90 cm

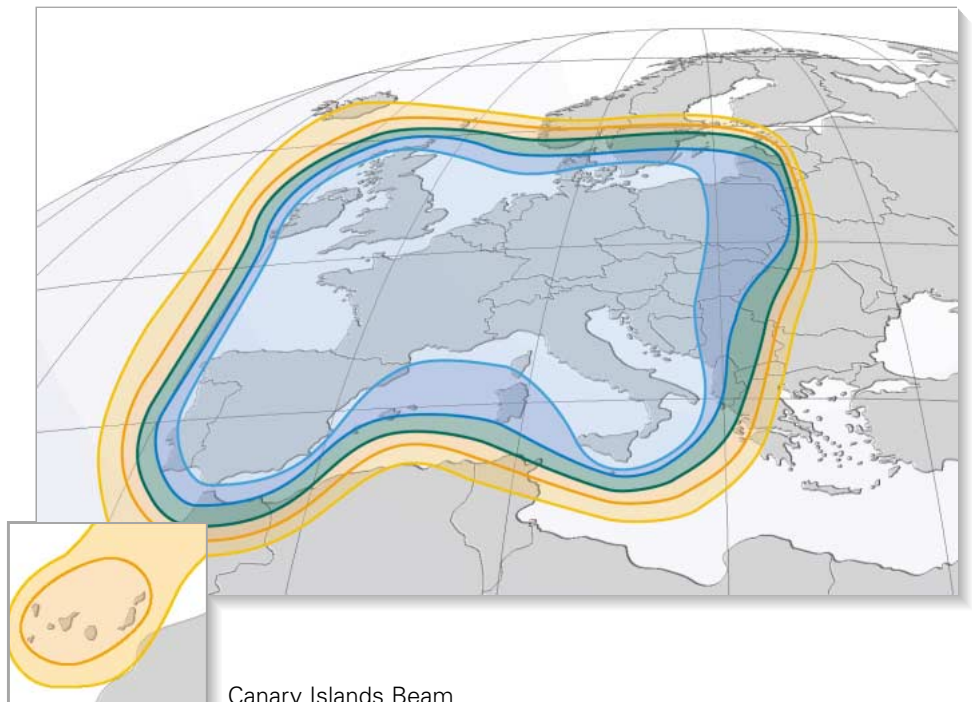
120 cm

The size of the satellite dish required to receive transmissions from the ASTRA satellites depends on the beam as well as on the geographical location of the dish. The ASTRA 2B satellite uses two beams, resulting in a north beam and a south beam.

North Beam



South Beam



Canary Islands Beam

ASTRA ORBITAL POSITIONS AND BACK-UP – SAFEGUARDING REVENUE

By co-locating satellites at one orbital position, ASTRA can offer easy ways of expanding service ranges and highest transmission security.

The key advantage is that audiences can use the same direct-to-home reception equipment when broadcasters and broadband service providers extend their services at the same orbital position.

The ASTRA satellite system through its co-located satellites at prime orbital positions also has the strength to

provide a unique form of in-orbit back-up. If for any reason, a transponder is switched off, a back-up transponder on the same satellite or a co-located satellite can be immediately activated. The back-up system can therefore guarantee high operational security and continuity of service for both our customers and the end consumer.

Freq. (GHz)	10.70	10.95	11.20	11.70	12.10	12.50	12.75			
	Band D		Band C		Band E		Band F		Band G**	
ASTRA 2A					✓	✓				
ASTRA 2B					✓	✓		✓		
ASTRA 2D	✓									
ASTRA 2C*	✓		✓		✓	✓				
	Low Band (32 transponders)				High Band (56 transponders)					

*ASTRA 2C is not yet operational at 28.2° East **outside Europe

Updates of footprints, transponder lists and frequency plans, the complete ASTRA channel line-up and more information about SES ASTRA, the ASTRA Satellite System and ASTRA products and services can be found on www.ses-astra.com or contact us:

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