



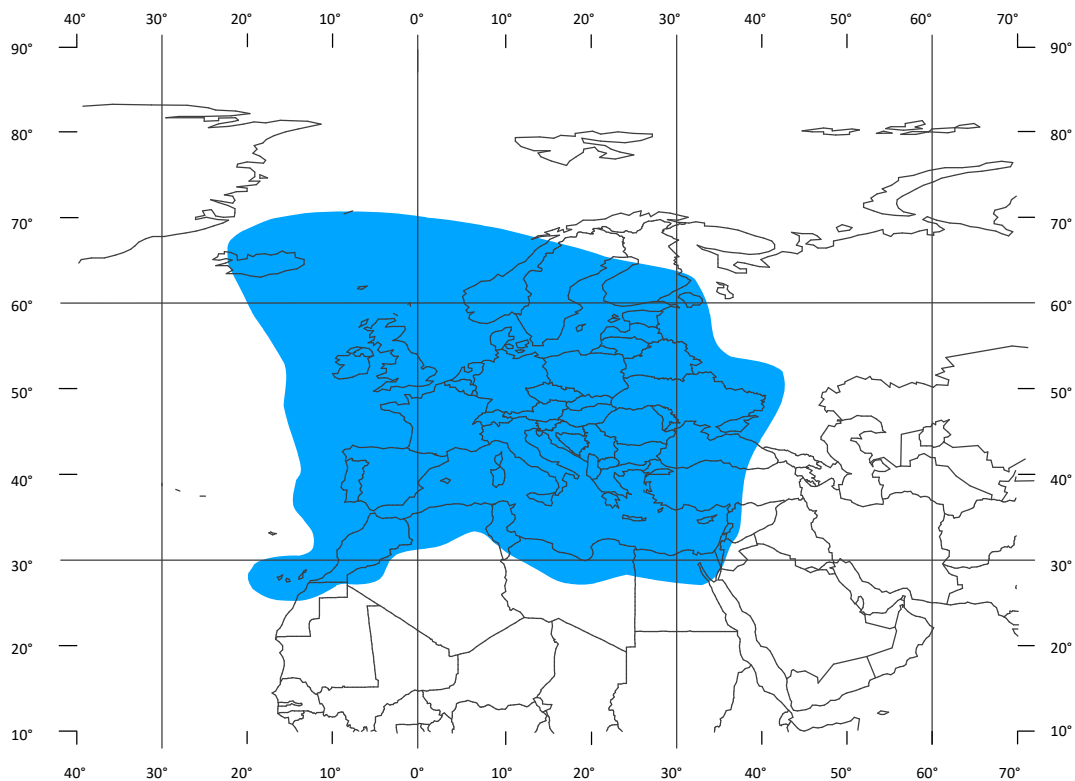
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ASTRA 1M

TV Program – DW English

Direct-to-Home

Position	19,2° East
Transponder	28
Frequency	11,627 GHz
Polarization	vertical
FEC	5/6
Symbolrate	22,000 Msymbols/s
Modulation	QPSK /DVB-S
Video Standard	PAL
Video Compression	MPEG-2
Audio Compression	MPEG-1/Layer 2
Encryption	-
Additional Data Services	-
TV Channel	DW English
Radio Channel	-



Reception may be possible even beyond these contours

0.6 m

Diameter of satellite receiving antenna in meter
(approximate values) for Direct-to-Home

Important technical remark: The diameters of the antennas are calculated for perfect weather conditions (clear sky), assuming perfectly aligned high quality antennas. Commonly used wire mesh antennas have a lower efficiency than solid dishes. To secure the reception, it is advisable to generally choose a diameter about 20% larger.
All information may be subject to change. | As of March 2019 | dw.com/programguide