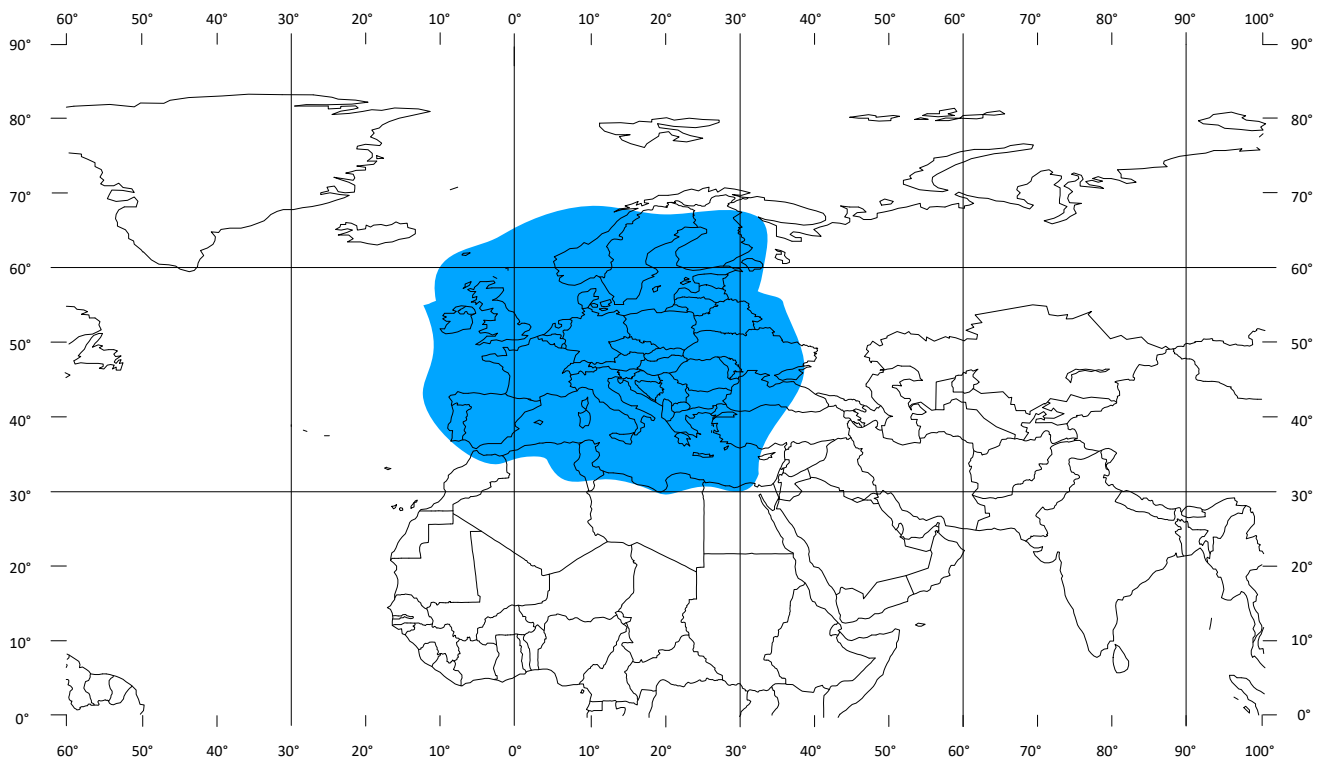


EUTELSAT HOTBIRD 13G

TV Program – DW English HD | Radio Program

Direct-to-Home

| | |
|--------------------------|--|
| Position | 13° East |
| Transponder | 50 |
| Frequency | 11727 MHz |
| Polarization | vertical |
| FEC | 3/4 |
| Symbolrate | 29900 KSymbols/s |
| Modulation | 8PSK /DVB-S2 |
| Video Standard | 1920x1080/50i |
| Video Compression | MPEG4 (h.264) |
| Audio Compression | MPEG-1/Layer 2 |
| Encryption | - |
| Additional Data Services | EIT / EPG |
| TV Channel | DW English HD |
| Radio Channel | DW08, DW09, DW-FM01, DW-FM02, DW-FEED1 |



Reception may be possible even beyond these contours

0.8 m

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