Position | 4.8° East  
---|---  
Transponder | 4.235  
Frequency | 12,380 GHz  
Polarization | horizontal  
FEC | 3/4  
Symbolrate | 27,500 Msymbols/s  
Modulation | QPSK / DVB-S  
Video Standard | PAL  
Video Compression | MPEG-2  
Audio Compression | MPEG-1/Layer 2  
Encryption | -  
Additional Data Services | EIT / EPG  
TV Channel | DW Deutsch  
Radio Channel | -  

Reception may be possible even beyond these contours

Diameter of satellite receiving antenna in meter (approximate values) for Rebroadcasting

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  
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