

Modell		
Maximum QSF 44 T	QuattroSwitch LNB, 40mm mit terr. Eingang	



	Low band	Hi band	Terr. Input
Input Frequency Range	10.7 ~ 11.7 GHz	11.7 ~ 12.75 GHz	40 ~ 840 MHz
Output Frequency Range x 4	950 ~ 1950 MHz	1100 ~ 2150 MHz	40 ~ 840 MHz
L.O. Frequency	9.75 GHz	10.6 GHz	
Conversion Gain	48 dB (Min.)	- 16 dB (Typ)	
Band Switching	0 KHz	22 KHz ±4 KHz continuous tone signal**	
Data			
Noise Figure	0.6 dB (Typ.)		
F/D Ratio	0.6		
Input Reflector Type	Offset		
Cross Pol. Isolation	20 dB (Min.)	25 dB (Typ.)	
Gain Flatness	± 0.75 dB / 27 MHz		
L.O. Frequency Stability	25° -30° ~ 60°	±1 MHz ±3 MHz	
L.O. Phase Noise	1 KHz Offset 10 KHz Offset 100 KHz Offset	- 60 dBc/Hz - 80 dBc/Hz - 100 dBc/Hz	
Image Rejection	40 dB (Min.)		
Output Power (at 1 dB Gain Compression Point)	0 dBm (Min.)		
Harmonic Distorion On InBand	-58 dBm (Max.)		
Output Return Loss	7.5 dB		
Output & Terrestrial Input Connector	75 OHM F Type (Female)		
D.C. Supply Voltage	11.5 ~ 19 V		
D.C. Current Consumption	220mA (Typ.)	250mA (Max)	
Polarity Switching Voltage	Vertical: Horizontal:	11.5 ~ 14.2 V 15.8 ~ 19 V	
Operating Temperature	-30° ~ 60°		