




**1,8m bis 2,4m
(6-Segment-Antenne)**

MECHANICAL	
Reflector type	pressed aluminium (six petals)
Optics	prime-focus
F/D Ratio	0.41
Size Ø	1884 mm
Colour	white
ENVIRONMENTAL	
Wind operational survival	90 Km/h (standard type) 120 Km/h (strong type) 150 Km/h (standard type) 200 Km/h (strong type)
Operational temperature	-30°C ÷ +70°C
ELECTRICAL	
Frequency range	10.7 ÷ 12.75 GHz
VSWR	1.25 : 1
Polarization	linear
3 dB Beam width (11.3 GHz)	1°
Gain (11.3 GHz)	43.5 (dB±0.2)
Noise temperature (30°EL)	33°K

1,8m, 2,4m und 3,0m (8-Segment-Antenne)		
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MECHANICAL		
Reflector type	pressed aluminium (eight petals)	
Optics	prime-focus	
F/D Ratio	0.41	
Size Ø	2400 mm	
Colour	white	
ENVIRONMENTAL		
Wind operational survival	90 Km/h (standard type) 150 Km/h (standard type)	
Operational temperature	-30°C ÷ +70°C	
ELECTRICAL		
	C-Band	KU-Band
Frequency range	3,7 - 4,2 GHz	10,7 - 12,75 GHz
VSWR	1.25 : 1	1.25 : 1
Polarization	linear	linear
3 dB Beam width (11.3 GHz)	2.2° (3.95 GHz)	0.8° (11.3 GHz)
Gain (dB ± 0,2)	37.2 (3.95 GHz)	46 (11.3 GHz)
Noise temperature (30°EL)	27°K	33°K