



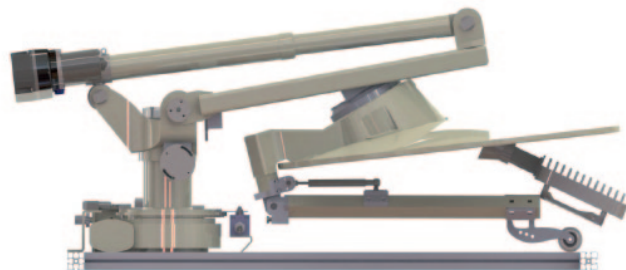
ProSat Solutions

ProSat 78-Ka ANTENNA

- 78cm Offset antenna
- Complete with RF-package and IP-modem
- Hands-off spot selection
- Two axis motorised system (Optional 3-axis)
- High Performance
- Robust and easy to mount
- Eutelsat type approved for Tooway services
- Single pushbutton operation



The ProSat 78-KA is a 78cm Ka Band motorised drive-away antenna. With its superior autopointing algorithm points to satellite in less than 3 minutes. It can be easily mounted to any vehicle or fixed platform. Advanced Antenna Controller selects the Ka spot based on GPS location without any operator action.



The ProSat 78-KA motorised antenna system is a reliable choice for your mobile contribution applications for broadcasters, telecom operators, and production companies. It also matches with the need of Oil & Gas Industry, Military Communications and Disaster recovery applications. Whenever and wherever you need instant broadband data communications and a powerful antenna system with a strong structure, The ProSat 78-KA motorised antenna system helps you provide immediate access to satellite and makes Video&Voice over IP, file transfer, e-mail or web browsing, and high-speed access possible in Ka Band. The system is delivered complete with all RF-parts and modem with LAN-interface. No additional hardware is needed for complete working system.



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RF SPECIFICATIONS

	Transmit	Receive
Frequency Band	28.1 - 30.0 GHz	18.3 - 20.2 GHz
Polarization	Circular	
Nominal EIRP		48.4dBWi
Nominal G/T		17.5 dB/K
Radio Mounting	Feed Arm	
Coaxial	Canare L-3CFB from transceiver to modem	
Tx-Rx Cable	2 pcs Canare L-3CFB cables (7m each)	
Control Cable	7m multicore control cable	

MECHANICAL SPECIFICATIONS

Antenna Geometry	75cm Circular Antenna, offset feed	
Mount	Elevation over azimuth	
Elevation Range	0°-60°	
Azimuth Range	± 175°	
Weight	55 kg	
Speed	Minimum	Maximum
Elevation	0.1 °/sec	4 °/sec
Azimuth	0.1 °/sec	4 °/sec

MODEM TYPES

Standard-modem	max. upload 6 MBit/s	max. download 10 MBit/s
Pro-grade-modem	max. upload 10 MBit/s	max. download 10 MBit/s

ENVIRONMENTAL SPECIFICATIONS

	Operational	Survival
Wind Load	80 km/h	160 km/h (deployed)
Ambient Temperature	-30 ° C to +55 ° C	-40 ° C to +70 ° C
Humidity	%0 - %100	%0 - %100

PHYSICAL SPECIFICATIONS

Mounting Plate	L:108.5cm , W:44.5cm
Stowed Dish Dimensions	L:127.5cm , W:77cm , H:50cm