



Ku90/FA, Ku120/FA, Ku150/FA, Ku180/FA, Ku240/FA, X180/FA

SATELLITE COMMUNICATION
SYSTEMS

#MilitaryCommunication



aselsan

Ku90/FA, Ku120/FA, Ku150/FA, Ku180/FA, Ku240/FA, X180/FA SATELLITE COMMUNICATION SYSTEMS

With its ability of beyond line-of-sight communication and endurance to various geographical conditions, Satellite Communication Systems are indispensable communication tools by satisfying campaign/logistic requirements below, when there is no communication system left or the capabilities of the communication systems are restricted:

- Forming tactical picture,
- Reliable communication environment with high data rate between tactical units and operation/command centers,
- Communication infrastructure providing integration of elements in the tactical field with strategical networks,
- Communication ability of tactical units with civilian communication environments,

Fly-away Satellite Communication Terminal has a compact design with transportable cases including antenna and baseband systems, providing uninterrupted satellite communication in all types of covert operations and environmental conditions.

They can work with satellites which provide service in relevant frequency bands.

Features

- Compact and lightweight design with transportable cases
- Easy and fast set-up, improved RF performance
- MIL-STD-810, MIL-STD-461 tested

Functional Features

- QoS Management: Prioritization for services such as voice, data and video teleconferencing etc., configurable voice/data rate according to the user requirements
- Compatible system architecture with National and NATO crypto devices
- Configurable Interfaces according to the user requirements IP Based, Secure/Non-secure voice, data, video teleconferencing and fax communication
 - Serial based data communication (RS232, RS449, Link communication etc.)

RF Features

AcroSAT X180/FA					
Tx Gain	>40.7 dBi				
G/T	>18 dB/K				
Rx Frequency	7.25 - 7.75 GHz				
Tx Frequency	7.90 - 8.40 GHz				
Ku-Band Family					
	AcroSAT Ku90/FA	AcroSAT Ku120/FA	AcroSAT Ku150/FA	AcroSAT Ku180/FA	AcroSAT Ku240/FA
Tx Gain	>40 dBi	>43 dBi	>44 dBi	>46 dBi	>46 dBi
G/T	>17.3 dB/K	>20.8 dB/K	>20.9 dB/K	>21 dB/K	>23.5 dB/K
Rx Frequency	10.7 - 12.75 GHz				
Tx Frequency	13.75 - 14.5 GHz				

