

NEWSPACE MARKET · COMPANY PROFILE



ISS Reshetnev

Russia · founded 1959 · reshetnev.com

51

PRODUCTS

5

SERVICES

newspacemarket.com/companies/iss-reshetnev-jsc-information-satellite-systems/

as of 27 August
2026



ISS Reshetnev

ISS Reshetnev (Информационные спутниковые системы имени академика М.Ф. Решетнёва, JSC Information Satellite Systems) is Russia's leading manufacturer of telecommunications, navigation, and scientific satellites. Founded in 1959 in Zheleznogorsk (Krasnoyarsk-26), the company was established as a branch of OKB-1 and has since become the primary developer of Russian geostationary and navigation spacecraft. The company is responsible for the design and production of GLONASS navigation satellites — Russia's global navigation satellite system (analogous to GPS). ISS Reshetnev manufactures all GLONASS-M and GLONASS-K satellites and is developing the next-generation GLONASS-K2 constellation. In addition, ISS Reshetnev produces the Express series of high-throughput geostationary telecommunications satellites for RSCC (Russian Satellite Communications Company). With over 60 years of space heritage and more than 1,300 spacecraft launched, ISS Reshetnev is a cornerstone of Russia's space infrastructure. The company employs approximately 9,000 specialists and has delivered satellites to customers including Gazprom Space Systems, Intelsat (in partnership), and various Russian state operators. ISS Reshetnev is also developing the Express-AMU family and next-generation high-throughput satellites to support Russia's expanding broadband satellite ambitions.

This profile is generated from the live NewSpace Market catalogue. Specifications are as published by the manufacturer; every product links to a page where a request for quotation reaches the company directly.

SERVICES

Services

Conduct research and development activities in the field of space engineering

ISS Reshetnev conducts research and development in space engineering, offering advanced solutions and innovations to customers.

Implement ground control segments

The company implements ground control segments for satellite systems, enabling customers to manage their spacecraft and constellations.

Train your personnel to operate a satellite

ISS Reshetnev provides training for customer personnel on how to operate satellites, ensuring they have the necessary skills for mission management.

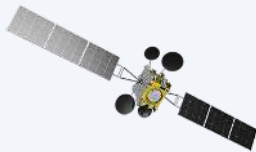
Control spacecraft and satellite constellations

ISS Reshetnev controls spacecraft and satellite constellations, providing ongoing operational management for customer assets in orbit.

Provide tech support throughout the entire satellite lifetime

The company provides comprehensive technical support for satellites throughout their entire operational lifetime, ensuring continuous performance and issue resolution.

Product catalogue



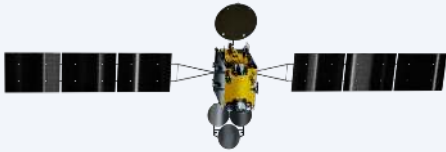
ISS RESHETNEV

AMOS-5

AMOS-5 is a communications and broadcasting satellite developed by ISS Reshetnev, designed for a 14-year operational lifetime in Geostationary Earth Orbit.

ADCS type	active
EPS power	7600 W
Mass	1970 kg
Lifetime	14 years
Orbit	GE0
Orbit height	36000 km
Launch vehicle	Proton-M carrier rocket and Briz-M upper stage

price on request



ISS RESHETNEV

Angosat-2

Angosat-2 is a communications and broadcasting satellite developed by ISS Reshetnev, designed for a 15-year operational lifetime in Geostationary Earth Orbit.

ADCS type	active
EPS power	4400 W
Mass	1875 kg
Lifetime	15 years
Orbit	GE0
Orbit height	36000 km
Launch vehicle	Proton carrier rocket and DM-03 upper stage

price on request

ISS RESHETNEV

Antenna Deployment and Pointing Mechanisms

ISS Reshetnev designs and manufactures a broad family of Antenna Deployment and Pointing Mechanisms (ADPM) and Reflector Deployment and Pointing Mechanisms (RDPM) for spacecraft. T

price on request

ISS RESHETNEV

Attitude Control Propulsion Unit

The Attitude Control Propulsion Unit (ACPU) developed by ISS Reshetnev provides thruster-based attitude control and fine station-keeping for geostationary and medium-orbit satellit

price on request



ISS RESHETNEV

Communication satellites

RESHETNEV is Russia’s leading communication satellites manufacturer, providing high throughput, multiple coverage areas, and top-of-the-line data transmission quality and reliabili

price on request



ISS RESHETNEV

Coordinate measuring satellites

RESHETNEV is the nation’s sole manufacturer of coordinate measuring satellites, spearheading the development of the GLONASS space segment for precise coordinate and velocity determ

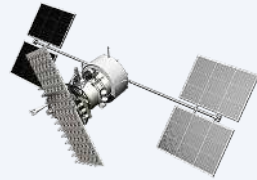
price on request



ISS RESHETNEV
Data relay satellites

ISS-Reshetnev develops and builds data relay satellites for communication with low orbit spacecraft and the Russian segment of the International Space Station.

price on request

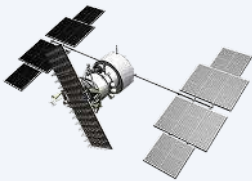


ISS RESHETNEV
Ekran

Ekran is a communications and broadcasting satellite developed by ISS Reshetnev, first launched on October 26, 1976.

ADCS type	active
EPS power	1300 W
Mass	2000 kg
Lifetime	1 year
Orbit	GEO
Orbit height	36000 km
Launch vehicle	Proton-K carrier rocket and DM upper stage

price on request

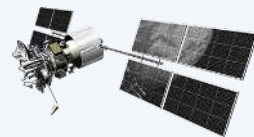


ISS RESHETNEV
Ekran-M

Ekran-M is a geostationary communications and broadcasting satellite developed by ISS Reshetnev, designed for a 3-year operational lifetime.

ADCS type	active
EPS power	1800 W
Mass	2100 kg
Lifetime	3 years
Orbit	GEO
Orbit height	36000 km
Launch vehicle	Proton-K carrier rocket and DM upper stage, Proton-M carrier rocket and Briz-M upper stage

price on request



ISS RESHETNEV
Express

The Express satellite is a communications and broadcasting spacecraft developed by ISS Reshetnev, designed for a 5-year operational lifetime in Geostationary Earth Orbit.

ADCS type	active
EPS power	2400 W
Mass	2500 kg
Lifetime	5 years
Orbit	GEO
Orbit height	36000 km
Launch vehicle	Proton-K carrier rocket and DM upper stage

price on request



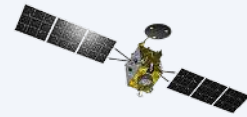
ISS RESHETNEV

Express- AT1

The Express-AT1 satellite provides direct broadcasting services from a geostationary orbit.

ADCS type	active
EPS power	7600 W
Mass	1680 kg
Lifetime	15 years
Orbit	GE0
Orbit height	36000 km
Launch vehicle	Proton-M carrier rocket and Briz-M upper stage

price on request



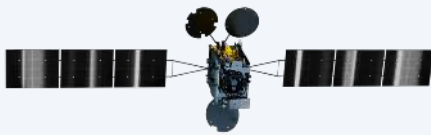
ISS RESHETNEV

Express- AT2

The Express-AT2 satellite provides direct broadcasting services.

ADCS type	active
EPS power	5200 W
Mass	1420 kg
Lifetime	15 years
Orbit	GE0
Orbit height	36000 km
Launch vehicle	Proton-M carrier rocket and Briz-M upper stage

price on request



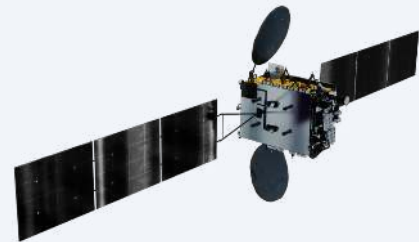
ISS RESHETNEV

Express-103

Express-103 is a communications and broadcasting satellite developed by ISS Reshetnev, designed for a 15-year operational lifetime in Geostationary Earth Orbit.

ADCS type	active
EPS power	6300 W
Mass	2267 kg
Lifetime	15 years
Orbit	GE0
Orbit height	36000 km
Launch vehicle	Proton carrier rocket and Briz-M upper stage

price on request



ISS RESHETNEV

Express-80

The Express-80 is a geostationary communications and broadcasting satellite developed by ISS Reshetnev, designed for a 15-year operational lifetime.

ADCS type	active
EPS power	6300 W
Mass	2101 kg
Lifetime	15 years
Orbit	GE0
Orbit height	36000 km
Launch vehicle	Proton carrier rocket and Briz-M upper stage

price on request



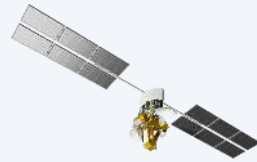
ISS RESHETNEV

Express-A

The Express-A satellite is a communications and broadcasting spacecraft designed for geostationary orbit.

ADCS type	active
EPS power	2540 W
Mass	2600 kg
Lifetime	7 years
Orbit	GE0
Orbit height	36000 km
Launch vehicle	Proton-K carrier rocket and DM upper stage

price on request



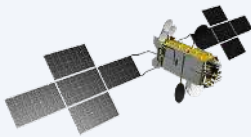
ISS RESHETNEV

Express-AM

The Express-AM satellite is a geostationary communication and broadcasting spacecraft developed by ISS Reshetnev, designed for a 12-year operational lifetime.

ADCS type	active
EPS power	6350 W
Mass	2579 kg
Lifetime	12 years
Orbit	GE0
Orbit height	36000 km
Launch vehicle	Proton-M carrier rocket and Briz-M upper stage

price on request



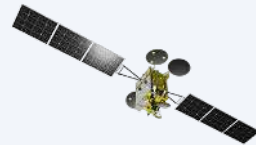
ISS RESHETNEV

Express-AM6

The Express-AM6 telecommunication satellite provides a wide range of high-quality telecommunications services, including digital TV and radio broadcasting and Internet access.

ADCS type	active
EPS power	16200 W
Mass	3360 kg
Lifetime	15 year
Orbit	GE0
Orbit height	36000 km
Launch vehicle	Proton-M carrier rocket and Briz-M upper stage (onboard propulsion for orbit raising)

price on request



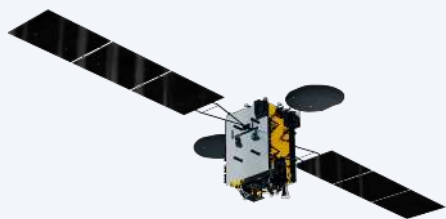
ISS RESHETNEV

Express-AM8

Express-AM8 delivers next generation telecommunications services to Russia, Europe, Africa, South and North Americas, as well as all types of satellite governmental and presidential

ADCS type	active
EPS power	5880 W
Mass	2100 kg
Lifetime	15 years
Orbit	GE0
Orbit height	36000 km
Launch vehicle	Proton-K carrier rocket and DM upper stage

price on request



ISS RESHETNEV

Express-AMU7

The Express-AMU7 is a communications and broadcasting satellite developed by ISS Reshetnev, designed for a 15-year operational lifetime in Geostationary Orbit.

ADCS type	active
EPS power	6300 W
Mass	1976 kg
Lifetime	15 years
Orbit	GEO
Orbit height	36000 km
Launch vehicle	Proton carrier rocket and Briz-M upper stage

price on request



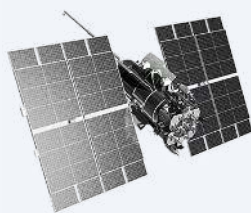
ISS RESHETNEV

Gals

Gals is a communications and broadcasting satellite developed by ISS Reshetnev, operating in Geostationary Earth Orbit (GEO).

ADCS type	active
EPS power	2400 W
Mass	2500 kg
Lifetime	5 years
Orbit	GEO
Orbit height	36000 km
Launch vehicle	Proton-K carrier rocket and DM upper stage

price on request



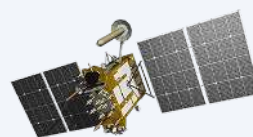
ISS RESHETNEV

Glonass

The Glonass satellite is an active, 3-axes navigation satellite with a mass of 1450 kg and a lifetime of 3 years, operating in a high-mid, circular, inclined orbit at 19100 km.

ADCS type	active, 3-axes
EPS power	1000 W
Mass	1450 kg
Lifetime	3 years
Orbit	High-mid, circular, inclined
Orbit height	19100 km
Launch vehicle	Proton-K / DM

price on request



ISS RESHETNEV

Glonass-K

Glonass-K is a navigation satellite designed for the GLONASS system, featuring active 3-axes attitude determination and control, a 10-year lifetime, and a mass of 935 kg.

ADCS type	active, 3-axes
EPS power	1460 W
Mass	935 kg
Design life	10 years
Orbit	High-mid, circular, inclined
Orbit height	19100 km
Launch vehicle	Soyuz-2 carrier rocket and Fregat upper stage

price on request



ISS RESHETNEV

Glonass-M

Glonass-M is a navigation satellite designed for the GLONASS global navigation satellite system, operating in a high-mid circular inclined orbit.

ADCS type	active, 3-axes
EPS power	1400 W
Mass	1415 kg
Design life	7 years
Orbit	High-mid, circular, inclined
Orbit height	19100 km
Launch vehicle	Proton-M carrier rocket and DM upper stage, Proton-M carrier rocket and Briz-M upper stage

price on request



ISS RESHETNEV

Gonets-D

Gonets-D is a communication satellite developed by ISS Reshetnev, designed for low circular orbit operations.

ADCS type	gravity-magnetic
EPS power	100 W
Mass	225 kg
Lifetime	1.5 years
Orbit	Low circular
Orbit height	1500 km
Launch vehicle	Tsiklon-3 carrier rocket

price on request



ISS RESHETNEV

Gonets-D1

Gonets-D1 is a communication satellite developed by ISS Reshetnev, designed for low circular orbit operations.

ADCS type	gravity-magnetic
EPS power	100 W
Mass	225 kg
Lifetime	1.5 years
Orbit	Low circular
Orbit height	1500 km
Launch vehicle	Tsiklon-3 carrier rocket

price on request



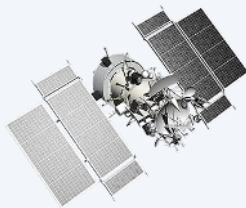
ISS RESHETNEV

Gonets-M

Gonets-M is a communication satellite designed for operation in a low circular orbit, providing communication services.

ADCS type	gravity-magnetic
EPS power	200 W
Mass	280 kg
Design life	5 years
Orbit	Low circular
Orbit height	1500 km
Launch vehicle	Rokot carrier rocket and Briz-KM upper stage

price on request



ISS RESHETNEV

Gorizont

Gorizont is a communications and broadcasting satellite developed by ISS Reshetnev, first launched in 1978.

ADCS type	active
EPS power	1300 W
Mass	2120 kg
Lifetime	3 years
Orbit	GEO
Orbit height	36000 km
Launch vehicle	Proton-K carrier rocket and DM upper stage

price on request



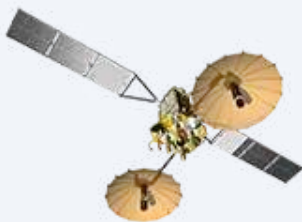
ISS RESHETNEV

KazSat-3

The KazSat-3 telecommunication satellite, built on the Express-1000HTB unpressurized bus, provides communication, television broadcasting, and data transmission services throughout

ADCS type	active
EPS power	9320 W
Mass	1740 kg
Lifetime	15 years
Orbit	GEO
Orbit height	36000 km
Launch vehicle	Proton-M carrier rocket and Briz-M upper stage

price on request



ISS RESHETNEV

Loutch Data Relay Satellite

Loutch (also spelled Luch) is ISS Reshetnev geostationary data relay satellite providing continuous radio link coverage to low-orbit spacecraft, launch vehicles, and the Russian se

price on request



ISS RESHETNEV

Meridian

Meridian is a communications satellite designed for highly elliptical orbits, providing communication and broadcasting services.

ADCS type	active
EPS power	3200 W
Mass	2100 kg
Lifetime	7 years
Orbit	Highly elliptical
Orbit height	1000 x 40000 km
Launch vehicle	Soyuz-2 carrier rocket and Fregat upper stage

price on request



ISS RESHETNEV

Molniya-1

The Molniya-1 satellite is a communications and broadcasting spacecraft developed by ISS Reshetnev, known for its highly elliptical orbit.

ADCS type	active
EPS power	460 W
Mass	1600 kg
Lifetime	1-2 years
Orbit	Highly elliptical
Orbit height	550 x 40000 km
Launch vehicle	Molniya carrier rocket

price on request



ISS RESHETNEV

Molniya-1S

The Molniya-1S is a communications and broadcasting satellite developed by ISS Reshetnev, designed for operation in Geostationary Earth Orbit (GEO).

ADCS type	active
EPS power	930 W
Mass	1600 kg
Lifetime	2 years
Orbit	GEO
Orbit height	36000 km
Launch vehicle	Proton-K carrier rocket and DM upper stage

price on request



ISS RESHETNEV

Molniya-1T

Molniya-1T is a communications and broadcasting satellite developed by ISS Reshetnev, first launched on April 2, 1983.

ADCS type	active
EPS power	930 W
Mass	1600 kg
Lifetime	3 years
Orbit	Highly elliptical
Orbit height	550 x 40000 km
Launch vehicle	Molniya carrier rocket

price on request



ISS RESHETNEV

Molniya-2

Molniya-2 is a communications satellite developed by ISS Reshetnev, featuring an active ADCS type and a highly elliptical orbit.

ADCS type	active
EPS power	960 W
Mass	1700 kg
Lifetime	1 year
Orbit	Highly elliptical
Orbit height	550 x 40000 km
Launch vehicle	Molniya carrier rocket

price on request



ISS RESHETNEV

Molniya-3

Molniya-3 is a communications and broadcasting satellite developed by ISS Reshetnev, designed for highly elliptical orbits.

ADCS type	active
EPS power	1000 W
Mass	1740 kg
Lifetime	3 years
Orbit	Highly elliptical
Orbit height	550 x 40000 km
Launch vehicle	Molniya carrier rocket

price on request



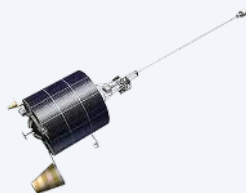
ISS RESHETNEV

Molniya-3K

The Molniya-3K is a highly elliptical orbit communications and broadcasting satellite developed by ISS Reshetnev.

ADCS type	active
EPS power	1470 W
Mass	1700 kg
Lifetime	5 years
Orbit	Highly elliptical
Orbit height	550 x 40000 km
Launch vehicle	Molniya

price on request



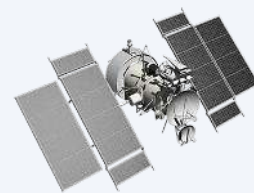
ISS RESHETNEV

Nadezhda

The Nadezhda satellite is a navigation spacecraft developed by ISS Reshetnev, featuring a 1-axis, gravity-magnetic ADCS type and a 2-year lifetime.

ADCS type	1-axis, gravity-magnetic
EPS power	250 W
Mass	830 kg
Lifetime	2 years
Orbit	Low circular
Orbit height	1000 km
Launch vehicle	Kosmos-3M carrier rocket

price on request



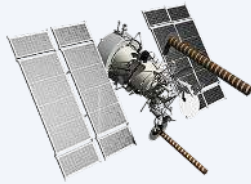
ISS RESHETNEV

Raduga

Raduga is a communications and broadcasting satellite developed by ISS Reshetnev, first launched in 1975.

ADCS type	active
EPS power	1250 W
Mass	2000 kg
Lifetime	1-3 years
Orbit	GE0
Orbit height	36000 km
Launch vehicle	Proton-K carrier rocket and DM upper stage

price on request



ISS RESHETNEV
Raduga-1

Raduga-1 is a communications satellite developed by ISS Reshetnev, designed for various communication and broadcasting tasks from geostationary orbit.

ADCS type	active
EPS power	1600 W
Mass	2320 kg
Lifetime	3 years
Orbit	GEO
Orbit height	36000 km
Launch vehicle	Proton-K carrier rocket and DM upper stage

price on request

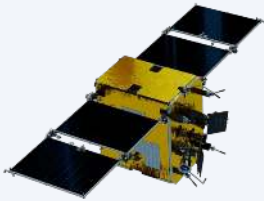


ISS RESHETNEV
SESAT

SESAT is a geostationary communications satellite developed by ISS Reshetnev, launched on April 18, 2000.

ADCS type	active
EPS power	5300 W
Mass	2572 kg
Lifetime	10 years
Orbit	GEO
Orbit height	36000 km
Launch vehicle	Proton-K carrier rocket and DM upper stage

price on request



ISS RESHETNEV
SKIF-D

SKIF-D is a satellite designed for communications and broadcasting, featuring an active ADCS type and a lifetime of 3 years.

ADCS type	active
EPS power	170 W
Mass	148 kg
Lifetime	3 years
Orbit	Medium, circular, inclined
Orbit height	8070 km
Launch vehicle	Soyuz-2 carrier rocket and Fregat upper stage

price on request

ISS RESHETNEV
Solar array drive assembly components

This product page describes solar array drive mechanical units designed for the Express-2000 and Express-1000 satellite platforms and their variants.

price on request



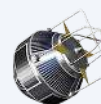
ISS RESHETNEV

Strela-1

Strela-1 is a communications satellite developed by ISS Reshetnev, featuring an unoriented ADCS type and a low circular orbit.

ADCS type	unoriented
EPS power	15 W
Mass	50 kg
Lifetime	3-6 months
Orbit	Low circular
Orbit height	1500 km
Launch vehicle	Kosmos carrier rocket, Kosmos-3 carrier rocket

price on request



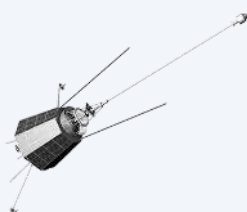
ISS RESHETNEV

Strela-1M

The Strela-1M is a communication and broadcasting satellite developed by ISS Reshetnev, designed for low circular orbit operations.

ADCS type	unoriented
EPS power	8 W
Mass	70 kg
Lifetime	6-9 months
Orbit	Low circular
Orbit height	1000 km
Launch vehicle	Kosmos-3M carrier rocket

price on request



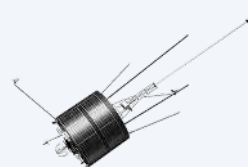
ISS RESHETNEV

Strela-2

The Strela-2 satellite is a communications and broadcasting spacecraft developed by ISS Reshetnev, first launched in 1965.

ADCS type	gravity-magnetic
EPS power	100 W
Mass	764 kg
Lifetime	6 months
Orbit	Low circular
Orbit height	800 km
Launch vehicle	Kosmos-3 carrier rocke

price on request



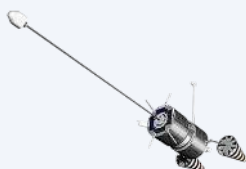
ISS RESHETNEV

Strela-2M

The Strela-2M is a communications and broadcasting satellite developed by ISS Reshetnev, featuring a gravity-magnetic ADCS type and a low circular orbit.

ADCS type	gravity-magnetic
EPS power	150 W
Mass	800 kg
Lifetime	6 months
Orbit	Low circular
Orbit height	800 km
Launch vehicle	Kosmos-3M carrier rocket

price on request



ISS RESHETNEV

Strela-3

Strela-3 is a communication and broadcasting satellite developed by ISS Reshetnev, designed for low circular orbit operations.

ADCS type	gravity-magnetic
EPS power	50 W
Mass	225 kg
Lifetime	1 year
Orbit	Low circular
Orbit height	1500 km
Launch vehicle	Tsiklon-3 carrier rocket

price on request



ISS RESHETNEV

Test Facilities

RESHETNEV's test facilities are fully equipped for all types of satellite and component level ground testing, ensuring superb reliability and longevity.

price on request

ISS RESHETNEV

Xenon Feed Unit (XFU)

The Xenon Feed Unit (XFU) developed by ISS Reshetnev is a precision propellant management assembly for electric propulsion systems on geostationary satellites. The XFU controls xen

price on request



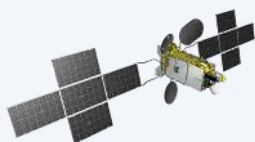
ISS RESHETNEV

Yamal-300K

The Yamal-300K satellite provides state-of-the-art communication services to Russia and CIS countries, built on the Express-1000H bus.

Bus	Express-1000H
ADCS type	active
EPS power	7600 W
Mass	1870 kg
Lifetime	14 years
Orbit	GEO
Orbit height	36000 km

price on request



ISS RESHETNEV

Yamal-401

Yamal-401 is a communication satellite built on the Express-2000 heavy bus, providing communication, television broadcasting, and data transmission throughout Russia.

Bus	Express-2000
ADCS type	active
EPS power	16800 W
Mass	2976 kg
Lifetime	14 years
Orbit	GEO
Orbit height	36000 km

price on request

Contact ISS Reshetnev

Open the company profile on NewSpace Market to see full specifications and datasheets, and to send a request for quotation that reaches the manufacturer directly.

<https://newspacemarket.com/companies/iss-reshetnev-jsc-information-satellite-systems/>

<https://www.reshetnev.com>

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