PRODUCT DATASHEET
MODEL C2-01

NAVAIS LMR-240 GNSS

Jack-Up Cable Assembly

Professional-grade signal integrity. A flexible, low-loss 50-ohm antenna extension with TNC Male to TNC Female bulkhead connectors for short and medium cable runs.

Key Features

- Premium LMR-240 low-loss coaxial cable
- Available in 1 m, 2 m, 3 m, 4 m and 5 m lengths
- Foil and braided shielding for RF and EMI rejection
- TNC Male to TNC Female bulkhead connectors
- Flexible and lightweight for field deployment
- Outdoor-rated construction for GNSS, GPS and RTK systems

Technical Specifications

Specification	Description
Product code	C2-01
Cable type	LMR-240 low-loss coaxial cable
Connector A	TNC Male
Connector B	TNC Female bulkhead
Available lengths	1 m, 2 m, 3 m, 4 m, 5 m
Impedance	50 ohms
Outer diameter	6.1 mm (0.240 in)
Shielding	Foil and braided shield
Jacket material	UV-resistant polyethylene
Frequency range	Suitable for GNSS frequency bands
Application	GNSS antenna extension and receiver connection

Why LMR-240 for GNSS

Low signal attenuation: Preserves weak satellite signals between the GNSS antenna and receiver.

Improved positioning accuracy: Maintains signal quality for reliable RTK fixes and centimetre-level positioning.

Flexible installation: The smaller diameter is easy to route through vehicles, equipment enclosures, survey poles and monitoring stations.

Excellent noise immunity: Foil and braided shielding helps protect against nearby radio, cellular and electrical interference.

Rugged outdoor performance: The UV-resistant jacket supports exposure to moisture and demanding field conditions.

Typical Applications

GNSS surveying systems | RTK rovers | Marine positioning | Vehicle-mounted systems | Temporary field deployments

Specify the required cable length when requesting a quotation. Contact info@navaisgnss.com