

neo2 dura

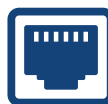
OptConnect neo2 dura is
Engineered and Designed for
High Speed Industrial IoT
Applications



**DUAL-CARRIER
CONNECTIVITY**



**BLAZING FAST
4G LTE CAT 4**



**DUAL ETHERNET
PORT**



**FULLY MANAGED
SOLUTION**

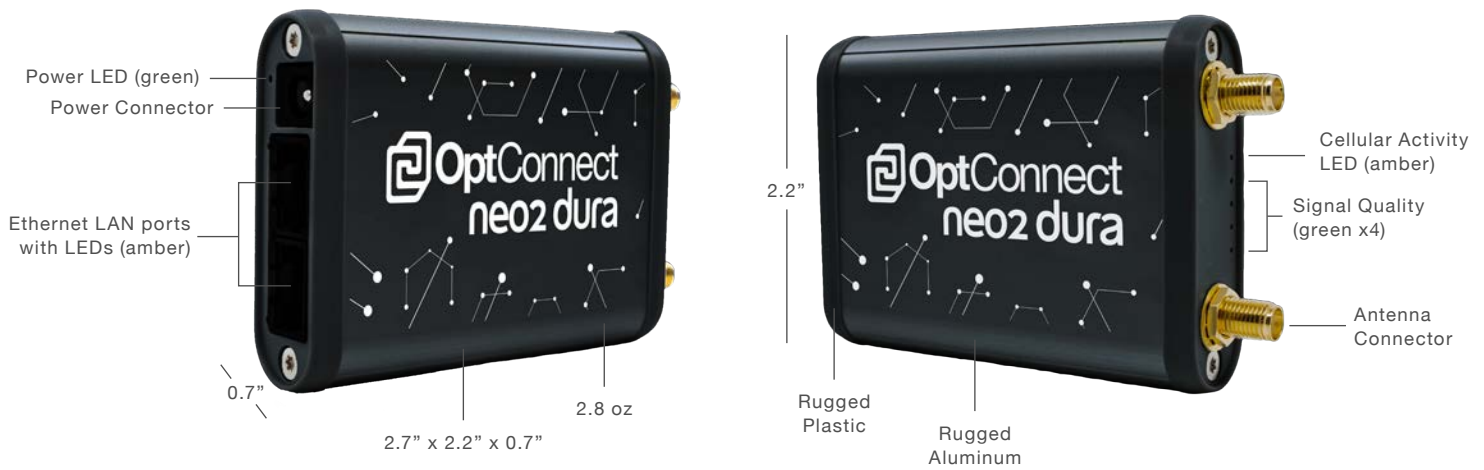
OptConnect neo2 dura features 4G LTE CAT 4 connectivity and dual-carrier failover for industrial IoT applications that require higher speed and greater bandwidth for real-time monitoring and management. At its core, the neo2 dura features the same award-winning design and features of the original, including the flexibility of a second ethernet port to connect two devices to a single router.

The neo2 dura is activated on both Verizon and AT&T networks – two networks on a single device with a single all-inclusive bill. This means that if one network goes down, neo2 dura automatically switches carrier networks guaranteeing your equipment stays connected.

OptConnect neo2 dura comes in a rugged aircraft grade aluminum case for better protection. The aluminum casing has an increased temperature rating for industrial applications. The standard 35mm DIN rail bracket makes mounting a snap inside your enclosure. OptConnect neo2 dura comes standard with an IP69 waterproof, dustproof direct mount external antenna, as well as an IP67 rated AC 18-24V, DC 8-40V power supply. Optionally, a magnetic mount antenna and 5VDC power supply are available for ease of installation in all deployments.

All of these cutting-edge features – superior connectivity, fast and reliable connections, dual-carrier redundancy, and the new dura line of ruggedized accessories come in addition to our already robust suite of fully managed services.





OPTCONNECT NEO2 DURA

Features

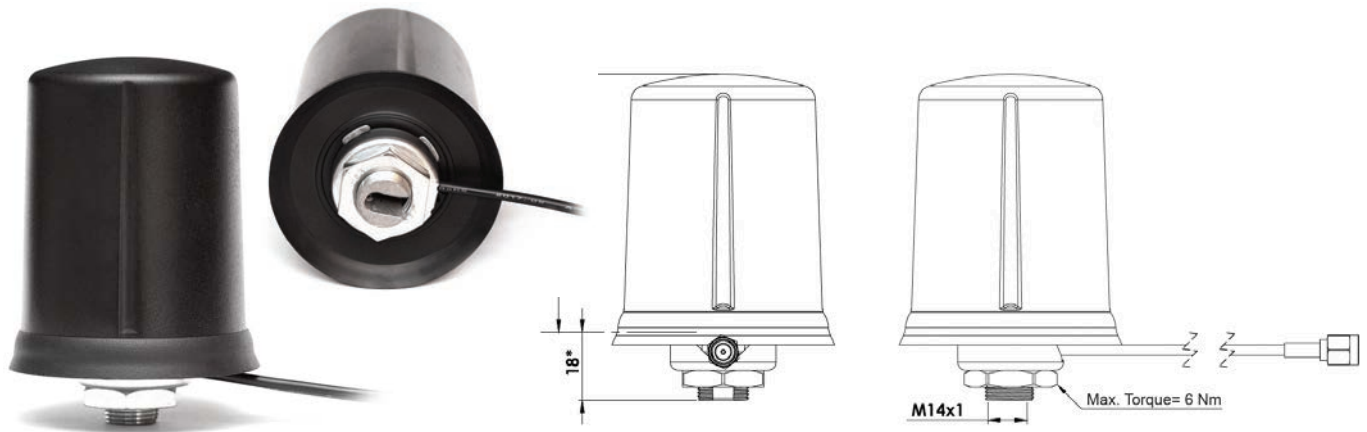
- **Plug-n-play** High-speed connectivity
- **Lightweight** 2.8 oz
- **Compact size** 2.7" x 2.2" x 0.7"
- **Rugged** Aircraft grade Aluminum, Temp resistance -40c - +85
- Full duplex transceiver ethernet port
- LED network and signal indicators
- IP69, IK09 external direct mount antenna
- IP67 AC 18-24V, DC 8-40V power supply
- 3-in-1 mounting bracket accepts 35mm DIN rail mount, direct screw mount or 3M adhesive mount
- Low power consumption 4G 10-12.5 watts peak
- Built-in Firewall – 2.2
- DHCP server for local automatic IP assignment
 - Can assign static IPs
 - NAT with VPN Passthru
 - Domain name addressable

Advantages

- 4G LTE CAT 4 - high speed, real-time monitoring & management of industrial equipment
- Dual-carrier redundancy
- Delivers high-speed and wide coverage
- Cost-effective replacement for landline dialup circuits or analog cell-phones
- Backup/redundant network connections for LANs
- Ideal connectivity for Security & Surveillance, Access Controls, Building Management Systems (BMS), PLC controls and more
- Remotely manageable and upgradeable
- Saves time, money and improves business efficiency
- Works with OptConnect Summit
- Real-time device level monitoring, management, and support
- 24/7/365 Technical Support

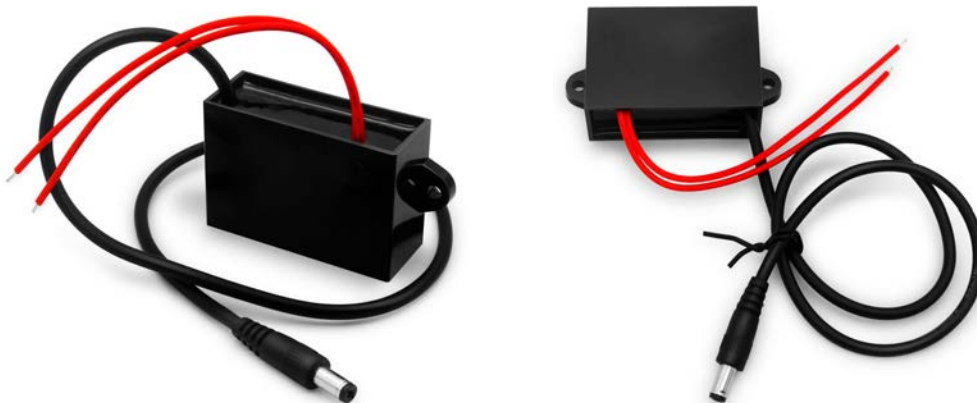
Need more information?

Call our sales team at 1-877-678-3343



MERCURY ANTENNA TECHNICAL SPECIFICATIONS

Electrical Specifications	
Frequency	698 - 960 MHz, 1710 - 2170MHz 2500-2700 MHz
Nominal Impedance	50
VSWR	~1.9:1 @ 698-960 ~1.2:1 @ 1710-2170 ~1.4:1 @ 2500-2700
Radiation Pattern	Omnidirectional
Efficiency %	~66.9 @ 698-960 ~74.5 @ 1710-2170 ~58.9 dBi @ 2500-2700
Average Gain	~-1.8 dBi @ 698-960 ~-1.3 dBi @ 1710-2170 ~-2.3 dBi @ 2500-2700
Peak Gain	~1.9 dBi @698-960 ~4.3 dBi @ 1710-2170 ~4.2 dBi @ 2500-2700
Polarization	Linear
Max Input Power	25
Environmental Specifications	
Operating Temperature	-40 to +85 C -40 to 185 F
Storage Temperature	-40 to +85 C -40 to 185 F
Substance Compliance	RoHS
Certificates	IP69, IK09



24 VAC POWER SUPPLY	
Input Voltage	AC 24v
Input Voltage Range	AC 18-24V, DC 8-40V
Output Voltage	DC 5v
Output Current	5A
Output Power	25W
Conversion Efficiency	>93%
Ripple	40mV
No-load current	8mA
Working Temp	-40~85°C
Waterproof Rating	IP67
Cable Length	13-14cm
Protection	Over-current / Over-voltage / Over-heat/Short-circuit protection
Case Material	Plastic
Size	58*40.5*22mm 100g/pc

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