Publish Date: 24.05.2021 | Rev no: 159

DuraMAX Cat.6A RJ45 Industrial STP Plug

As more and more industrial devices and appliances are controlled using a connection to the IT network, a more noise-tolerant and robust-structured modular plug is required compared to a common office LAN application plug. The plugs and cables must have a strong shielded structure to handle electrical noise and they must also be designed to work in harsh environments such as extreme temperatures, humidity, or vibration.

The DINTEK DuraMAX+™ industrial-grade Cat.6A RJ45 field plug has been designed for easy installation and field termination while being contained in a rugged package. The plug features a fully shielded die-cast housing and is a highly durable Cat.6A compliant component.

Effortless termination has been achieved using the ezi-CONNECT™ IDC system, which allows a reliable and easy termination process without the need to strip the wires.



Features

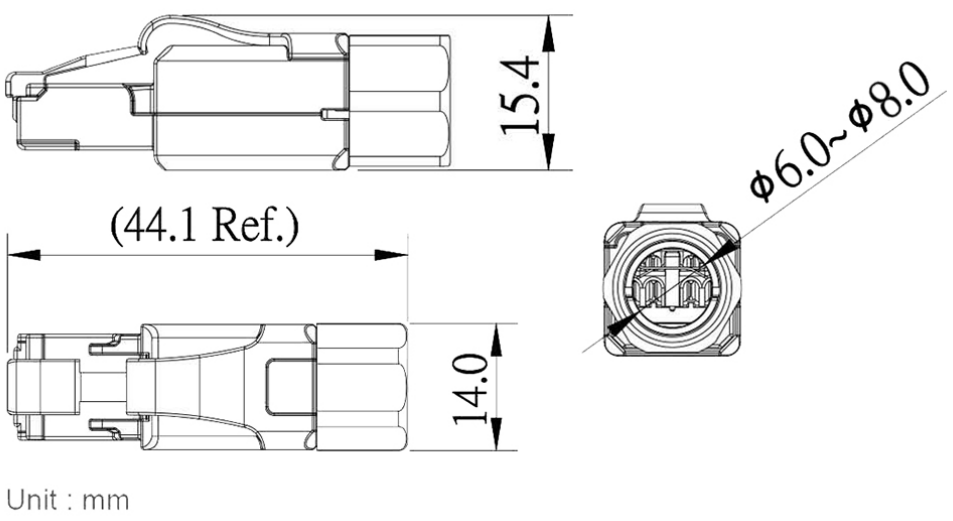
- Cat.6A STP field termination capability
- Cable Size ⌀ 6.00mm-8.00mm
- Industrial strength body casing
- Compatible with Cat.6A component performance under (ANSI/TIA-568-2.D)
- Fully shielded metal housing guarantees secure and reliable transmission performance
- A fast and reliable termination helps save labor costs

Applications

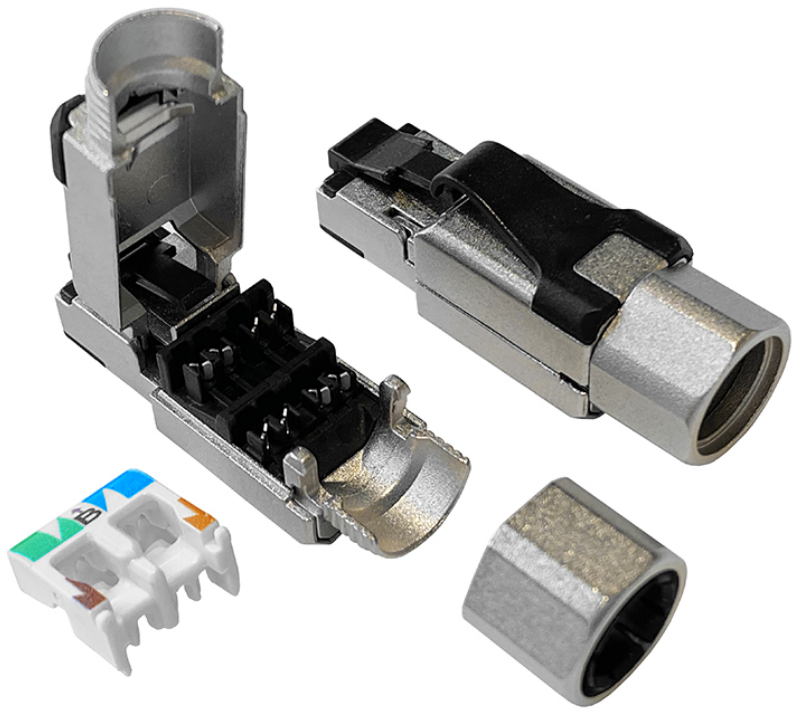
- IP Cameras
  Human Machine Interface (HMIs)
- Industrial PCs / Industrial Robots
- Remote I/Os
- Programmable Logic Controllers (PLCs)

Standards Conformance

- 10BASE-T to 1GBASE-T | HDBASE-T
- IEEE 802.3af (Type 1 PoE)
- IEEE 802.3at (Type 2 PoE)
- IEEE 802.3bt (Type 3 PoE)
- IEEE 802.3bt (Type 4 PoE)
- Power over HDBaseT (POH)



Unit : mm



Standards Conformance

Technology Report FORCE Technology - T822748, DANAK-19/18853

Ordering Information

Product Number	Product Name	Category	Accepted Gauge	Qty / Box	Qty / CTN
1505-05001	DuraMAX Cat.6A RJ45 Industrial STP Plug (field terminated)	Cat.6A	22-26AWG	100	600

Technical Specifications

Compliance	
Standards Compliance	ISO/IEC 11801-1:2017 (Ed. 1.0) / ISO/IEC 11801-2:2017 (Ed. 1.0)EN 50173-1:2011 / EN 50173-2:2007 including amendment AI: 2010 ANSI/TIA-568-2.DIEC 61935-2:2010 (Ed. 3.0) (transmission requirements) IEC 60512-99-002 (draft 48B/2531/CD) (plug)
Independent Compliance Report	FORCE Technology-T822748, DANAK-19/18853
Physical Characteristics	
Dimensions	44.1mm(L) x 15.4mm(H) x 14.0mm(W)
Housing	Zinc-alloy fully shielded
Contact Pin	Phosphor bronze alloy plated With 50 micro-inch of gold
Accepted IDC Wire Gauges	22~26AWG | ⌀ 6.00mm-8.00mm
Temperature Rating	Storage : -40℃ to +70℃ | Operational : -10℃ to +60℃
Electrical Characteristics	
Electrical Insulation Resistance	500MΩ min. @ 100V D.C
Dielectric Withstanding Voltage	1000V D.C A.C Peak Contact to Contact or 1500V D.C A.C peak contact to shield: @ 60Hz for 1 minute

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1505-05001

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Publish Date: 24.05.2021 | Rev no: 159