

UTS RJ45



Description

□ Intended for high speed Ethernet connection in severe environments, the plastic UTS connector with RJ45 cordset is a **universal solution**. Using any standard RJ45 cable, it needs NO tools for assembly or disassembly, making it easy to assemble and perfect for field installation.

□ The UTS RJ45 naturally benefits from the advantages of the UTS range:

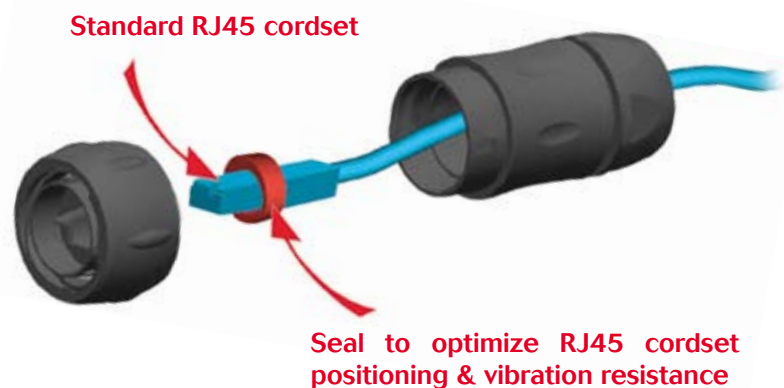
Dynamic IP68/69K sealing performances

Rapid & secure locking system

High salt spray resistance

High vibration resistance

□ Available in shell size 18 - male RJ45 cordset in plug and female RJ45 cordset in receptacle, the UTS RJ45 can be used for Ethernet 10 BaseT, 100 BaseTX and 1000 BaseT, TIA/EIA 568B Cat5e and ISO/IEC 11801 class D networks.



UTS : Your first choice in waterproof connectors !



UTS RJ45



Technical characteristics

Mechanical

- Durability: 250 matings & unmatings

Electrical

- Connection category: RJ45
- Cat5e per TIA/EIA 568C and class D per ISO/IEC 11801

Environmental

- Operating temperature: -40°C to + 105°C
- Flammability rating: UL94-V0
- Sealing (mated): IP68/69K*
- Salt spray: 500 hours

Material

- Connectors + Backshells: Thermoplastic
- Nut: Metal
- RoHS compliant & conform to the Chinese standard SJ/T 1166-2006 (Chinese RoHS equivalent)

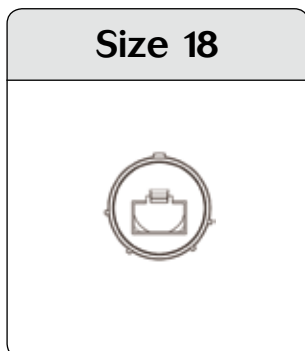


Ordering information

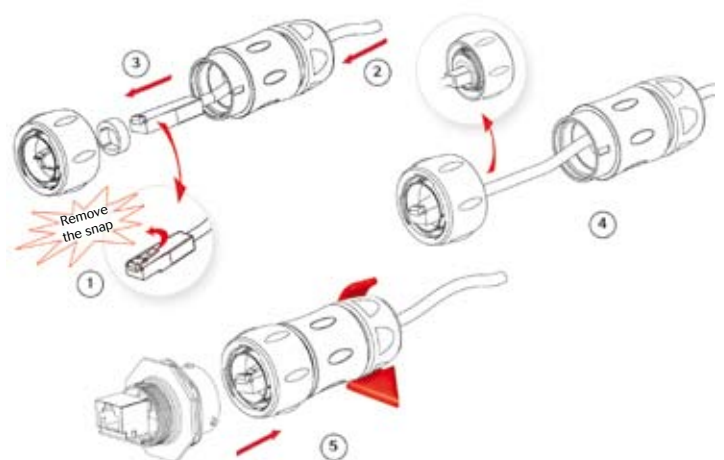
Type		UTS	7	-	18	RJF	N	-
		UTS	6	JC	18	RJ	N	25
Body variation	6 Cable plug 7 Jam nut receptacle							
Backshell	JC = Easy handling plastic backshell (only for plug)							
Shell size	18							
Insert	RJF: Feed Through (only receptacle) / RJ: Free insert to accept any RJ45 (only plug)							
Polarisation	N : Normal / A, B: Different orientations							
Mandatory suffix	25 (only for plug)							

* Short backshell on request

UTS RJ45 contact arrangement



Assembly instructions



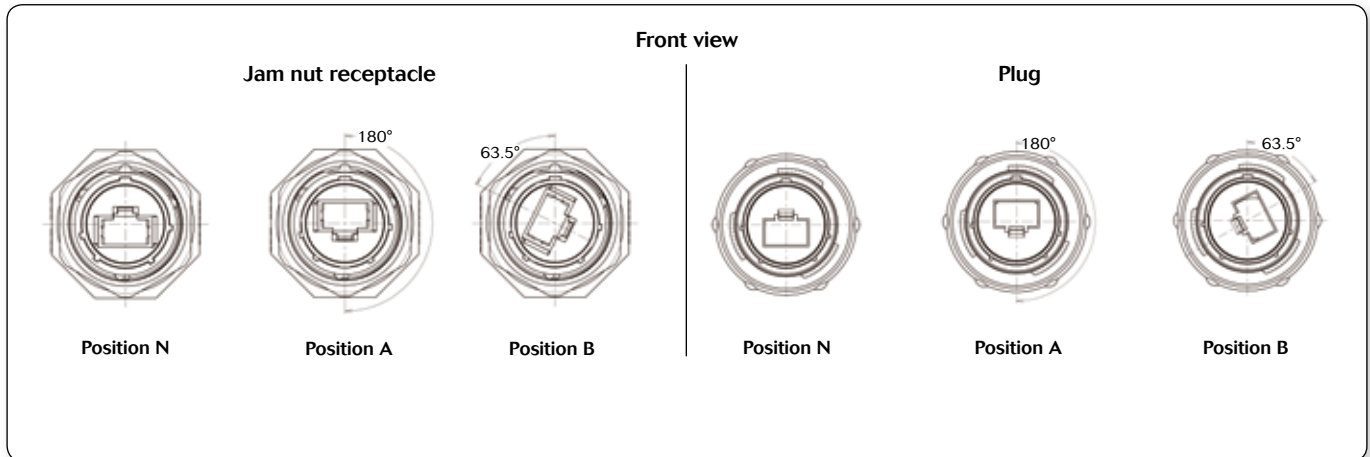
* subject to a cylinder-shaped and non-convertible cordset

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Insert rotation



Range presentation

▶ Rapid

▶ Basic

▶ High Performance

Cable plug

Part number: UTS6JC18RJN25

* Add A or B between RJ & P, if different orientation / Coloured ring supplied as optional extra (see page 72).

▶ Rapid

▶ Basic

▶ High Performance

Jam nut receptacle

Part number: UTS718RJFN

* Change N to A or B, if different orientation

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Note : all dimensions are in mm