



# NovalIndus IP68 Industrial Patch Cord, Category 6A Shielded (High Flex)



## Product Part Number

N029.C6ASHx

## Product Description

The **NovalIndus IP68 Industrial Patch Cord** is a high-performance, shielded Ethernet cable engineered for industrial environments where reliability and durability are paramount. This Category 6A patch cord offers superior protection against interference, making it ideal for high-speed data transmission in harsh conditions. The cord features sun and oil-resistant properties, is CM ETL Verified to ANSI/TIA-568.2-D, and boasts a high-flex design for easy handling and long-term performance. Its secure sealing system with gasket and bayonet lock ensures exceptional resistance to dust, moisture, and mechanical stress.

## Product Features

- **High-Flex Construction** : Perfect for environments with frequent cable movement or tight spaces.
- **Sun and Oil Resistant** : Designed to withstand exposure to sunlight and oils, ensuring durability in harsh environments.
- **Sealing System** : Gasket seal, bayonet-lock cover, and cable seal assembly for secure and protected connections.
- **Certified Quality** : CM ETL Verified to ANSI/TIA-568.2-D standards for assured performance and safety.
- **Safety Certified** : UL 1863 Safety Listed for secure and dependable operation.





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## Material Specifications

Cable Construction	CAT6A STP 26 AWG 7 stranded 4-Pair Copper wire conductor, High Flex
Environmental Resistance	Sun Resistant, Oil Resistant
Physical Specifications (Plug)	Housing : High-Impact, Flame-Retardant Plastic (UL 94V-0), Contact : Phosphor Bronze Alloy with 50 micro-inch Gold Plating over 100 micro-inch of Nickel Shell Shield : Brass Alloy Plated with 100 micro-inch Nickel

## Environmental Specifications

Operation Temperature Range	-10°C to 60°C
Storage Temperature Range	-40°C to 70°C
Relative Humidity	Maximum Noncondensing 93%

## Category 6A Shielded Plug Electrical & Mechanical Specification

Electrical Insulation Resistance	500 MΩ min. @ 100V DC
Dielectric Withstanding Voltage	1000 RMS @ 60Hz for 1 minute
Contact Resistance	20m0hm Max
Retention	50N (11lbf) for 60s
Insertion / Extraction Life	750 Cycles Minimum
Tensile Strength	20N Per Wire



**Ordering Information**

N029.C6ASH5	NovalIndus IP68 Industrial Patch Cord, Category 6A Shielded, 5m
N029.C6ASH10	NovalIndus IP68 Industrial Patch Cord, Category 6A Shielded, 10m
N029.C6ASH15	NovalIndus IP68 Industrial Patch Cord, Category 6A Shielded, 15m
N029.C6ASH20	NovalIndus IP68 Industrial Patch Cord, Category 6A Shielded, 20m
N029.C6ASH25	NovalIndus IP68 Industrial Patch Cord, Category 6A Shielded, 25m
N029.C6ASH30	NovalIndus IP68 Industrial Patch Cord, Category 6A Shielded, 30m
N029.C6ASH50	NovalIndus IP68 Industrial Patch Cord, Category 6A Shielded, 50m