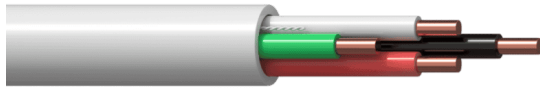




Orion Alarm Plenum Cable, 22AWG, 4C, Solid BC, CMP UL Listed FT6, PVC Jacket



Product Part Number

N86.224PVP10WH(P)

Product Description

The **Orion Alarm Plenum Cable** is designed to meet the demanding needs of high-performance alarm and security systems. Featuring **22AWG, 4-conductor** configuration with **solid bare copper (BC)** conductors, this cable ensures excellent signal integrity for reliable alarm system operation. It is **CMP UL Listed FT6**, making it compliant with strict fire safety standards for plenum spaces. The **PVC jacket** provides enhanced protection against environmental stressors, ensuring the cable remains durable and flexible in various installation environments. Ideal for use in air-handling spaces, this cable meets safety requirements for both residential and commercial alarm installations.

Product Features

- Conductor Type : 22AWG, 4-Conductor, Solid Bare Copper (BC) – Ensures reliable conductivity and signal transmission.
- Fire Rating : CMP UL Listed FT6 – Specifically designed for use in plenum spaces, offering fire-resistance and low smoke production.
- Insulation : PVC Jacket – Durable, flexible, and provides robust protection against mechanical and environmental stress.
- Application : Suitable for alarm, security, fire, and surveillance systems that require compliance with plenum space safety codes.
- Temperature Rating : Rated for operation in temperatures up to 75°C (167°F), making it suitable for a wide range of environments.
- Durability : Designed to withstand tough environments while maintaining excellent signal performance.
- Color Coding : Typically, the four conductors are color-coded for easy identification during installation.
- Environmental Adaptability : Designed to function optimally in controlled indoor environments, including air-handling spaces.





**Orion Alarm Plenum Cable, 22AWG, 4C,
Solid BC, CMP UL Listed FT6, PVC
Jacket**





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Material Specifications

Conductor	Material	BC (Bare Copper)
	Conductor Construction (mm)	1 / 0.63 ± 0.01
Insulation	Material	PVC
	Diameter (mm)	1.08 ± 0.1
	Average Thickness (mm)	0.22
	Color	Black, Red, White, Green
Rip-cord	Yes	
Jacket	Material	PVC
	Diameter (mm)	3.4 ± 0.2
	Average Thickness (mm)	0.38
	Color	White
Electrical & Physical Characteristics:	Conductor DCR 20°C	≤59.1 Ω/KM
	Voltage Rating	300V

Environmental Specifications

Temperature range	Storage & shipping	-20°C to 75°C
	Installation	0°C to 60°C
	Operation	-20°C to 75°C

Ordering Information

N86.224PVP10WH(P)	Orion Alarm Plenum Cable, 22AWG, 4C, Solid BC, CMP UL Listed FT6, PVC Jacket, 1000Ft, Pull Box, White
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Shipping Information

Item	Dimension
Product	Length : 1000ft

