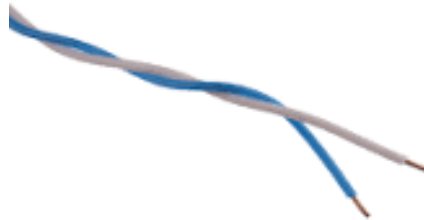




2 Core Telephone Cable White/ Blue Sheath



IEC 60228 ; IEC 60332-1-2; HD 21.5
RoHS , REACH & CE Directives



Ambient installation T°
C range
0 + 50 °C



Operating temp.
-30 + 70 °C



Storage temperature
range
-20 + 70 °C



Flame retardant
IEC 60332-1



Smoke density

Application

A 2-core telephone cable (often with a white and blue PVC sheath) contains a single pair of copper conductors (typically solid or stranded), commonly used for voice-grade telecommunications and low-voltage signalling. Used to connect telephone handsets to wall sockets within homes or offices. Used in telephone splitters and internal distribution boxes. Suitable for intercom systems, security phone systems, and alarm wiring. Primarily designed for internal, dry environments rather than harsh external conditions. Typically two cores (1 pair) of annealed copper, often 0.6 and 0.8 mm in diameter. Sheath/Jacket is PVC (Polyvinyl Chloride usually White and Blue (twisted together to minimize interference). The two wires (A and B wires) are used to carry audio signals, dial tones, and ringing voltage for PSTN (Plain Old Telephone Service).

While designed for voice, this type of pair can support low-speed ADSL/broadband data connections. These cables are typically used for local, low-frequency, analog, or basic digital signaling, as they are not shielded enough to be suitable for high-speed Ethernet data transmission.

Construction:

Conductor material:

Bare copper class 1

Core Insulation:

PVC compound T12 (Polyvinyl chloride)

Color insulation:

One conductor white, the other conductor blue

Two insulated conductors are twisted

Flame retardant according to EN 60332-1-2

Technical Data:

Voltage rating:

100 V

Test voltage

2000 V

Capacity

130 pF/m appr.

Temperature range (for flexible use)

-5°C to +70 °C

(fixed installation)

-30°C to +70 °C

Minimum bending radius

6 x Overall Diameter

Dimensions:

Cable Description	Conductor construction (appr. value) mm	Colors	Overall measures (appr. value) mm	Nominal Cable Weight (kg/km)	Packaging m
2 x 0.6	0.6	White-Blue	2 x 1.4	9-10	200/1000
2 x 0.8	0.8	White-Blue	2 x 1.6	14-15	200/1000



The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.