

CAT5STPPVCG

CAT-5 STP CABLE SHIELDED TWISTED PAIR



Pair No.	Colour
1	White & Blue
2	White & Orange
3	White & Green
4	White & Brown

SPECIFICATIONS

- Conductor Type : Electrolytic Solid Annealed Bare Copper Conductor
- Conductor Size : 24 AWG, Solid
- Insulation Material : HDPE Insulation
- Outer Shield Material : Aluminum Foil-Polyester Tape with 100 % Coverage Area
- Drain Wire Material : Annealed Tinned Copper
- Drain Wire Size : 7 X 0.30 mm (0.50 Sqmm)
- Outer Sheath : PVC / FR PVC / FRLS PVC
- Outer Sheath Color : Grey / Blue

FEATURES

- ✓ Storage Temp. Range : -20°C to 75°C
- ✓ Installation Temp. Range : 0°C to 60°C
- ✓ Operating Temp. Range : -20°C to 60°C
- ✓ Capacitance : -15 pF/ft
- ✓ Nominal Velocity of Propagation : -67%
- ✓ Voltage Grade : 300 Volt
- ✓ DC Resistance at 20°C : 99.38 Ohms / Km.(Max.)
- ✓ Maximum DCR Unbalanced at 20°C (%) : 3

ORDERING CODE

CAT5 - STP - PVC - (X) → **Outer Color**

G - Grey
B - Blue

CAT5STPTEFG

CAT-5 STP CABLE

SHIELDED TWISTED PAIR (PTFE INSULATED)



Pair No.	Colour
1	White & Blue
2	White & Orange
3	White & Green
4	White & Brown

SPECIFICATIONS

Conductor Type	: Electrolytic Solid Annealed Bare Copper Conductor
Conductor Size	: 24 AWG, Solid
Insulation Material	: PTFE Insulation
Outer Shield Material	: Polyimide Backed Aluminum Foil-Polyester Tape with 100 % Coverage Area
Drain Wire Material	: Annealed Tinned Copper
Drain Wire Size	: 7 X 0.30 mm (0.50 Sq. mm)
Outer Sheath	: PTFE Sheathed.
Outer Sheath Color	: Grey / Blue

FEATURES

- ✓ Operating Temp. Range : -267°C to 260°C
- ✓ Capacitance : -15 pF/ft
- ✓ High Temperature Resistance
- ✓ Excellent Dielectric with Standing Properties
- ✓ Nominal Velocity of Propagation : -67%
- ✓ Voltage Grade : 300 Volt
- ✓ DC Resistance at 20°C : 99.38 Ohms / Km.(Max.)
- ✓ Excellent Mechanical Strength

ORDERING CODE

CAT5 - STP - TEF - (X) → **Outer Color**

G - Grey
B - Blue

CAT5UTPPVCG

CAT-5 UTP CABLE

UNSHIELDED TWISTED PAIR



SPECIFICATIONS

- Conductor Type : Electrolytic Solid Annealed Bare Copper Conductor
- Conductor Size : 24 AWG, Solid
- Insulation : HDPE Insulation
- Outer Sheath : PVC / FR PVC / FRLS PVC
- Outer Sheath Color : Grey / Blue

FEATURES

- ✓ Storage Temp. Range : -20°C to 75°C
- ✓ Installation Temp. Range : 0°C to 60°C
- ✓ Operating Temp. Range : -20°C to 60°C
- ✓ Capacitance : - 15 pF/ft
- ✓ Nominal Velocity of Propagation : - 70%
- ✓ Voltage Grade : 300 Volt
- ✓ DC Resistance at 20°C : 99.38 Ohms / Km. (Max.)
- ✓ Maximum DCR Unbalanced at 20°C(%) : 3

Pair No.	Colour
1	White & Blue
2	White & Orange
3	White & Green
4	White & Brown

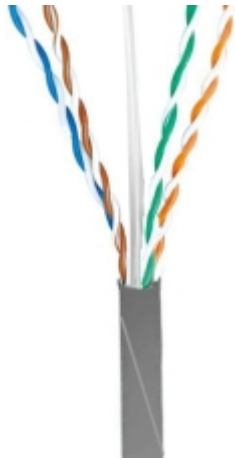
ORDERING CODE

CAT5 - UTP - PVC - (X) → **Outer Color**

G - Grey
B - Blue

CAT5UTPTEFG

CAT-5 UTP CABLE UNSHIELDED TWISTED PAIR (PTFE INSULATED)



SPECIFICATIONS

Conductor Type : Electrolytic Solid Annealed Bare Copper
Conductor
Conductor Size : 24 AWG, Solid
Insulation : PTFE Insulation
Outer Sheath : PTFE Sheathed
Outer Sheath Color : Grey / Blue

FEATURES

- ✓ Operating Temp. Range : -267°C to 260°C
- ✓ Capacitance : - 15 pF/ft
- ✓ Nominal Velocity of Propagation : -70%
- ✓ Voltage Grade : 300 Volt
- ✓ High Temperature Resistance
- ✓ Excellent Dielectric with Standing Properties
- ✓ DC Resistance at 20°C : 99.38 Ohms / Km. (Max.)
- ✓ Excellent Mechanical Strength

Pair No.	Colour
1	White & Blue
2	White & Orange
3	White & Green
4	White & Brown

ORDERING CODE

CAT5 - UTP - TEF - (X) → **Outer Color**
G - Grey
B - Blue

CAT6STPPVCG

CAT-6 STP CABLE SHIELDED TWISTED PAIR



Pair No.	Colour
1	White & Blue
2	White & Orange
3	White & Green
4	White & Brown

SPECIFICATIONS

Conductor Type	: Electrolytic Solid Annealed Bare Copper Conductor
Conductor Size	: 23 AWG, Solid
Insulation Material	: HDPE Insulation
Outer Shield Material	: Aluminum Foil-Polyester Tape with 100 % Coverage Area
Drain Wire Material	: Annealed Tinned Copper
Drain Wire Size	: 7 X 0.30 mm (0.50 Sqmm)
Outer Sheath	: PVC / FR PVC / FRLS PVC
Outer Sheath Color	: Grey / Blue

FEATURES

- ✓ Storage Temp. Range : -20°C to 75°C
- ✓ Installation Temp. Range : 0°C to 60°C
- ✓ Operating Temp. Range : -20°C to 60°C
- ✓ Capacitance : - 5.6 pF/100m
- ✓ Nominal Velocity of Propagation : -67 %
- ✓ Insulation Resistance :- 5000 Mohm / Km
- ✓ Voltage Grade : 300 Volt
- ✓ DC Resistance at 20°C : 99.38 Ohms / Km. (Max.)
- ✓ Maximum DCR Unbalanced at 20°C(%) : 3

ORDERING CODE

CAT6 - STP - PVC - (X) → **Outer Color**

G - Grey
B - Blue

CAT6STPTEFG

CAT-6 STP CABLE

SHIELDED TWISTED PAIR (PTFE INSULATED)



Pair No.	Colour
1	White & Blue
2	White & Orange
3	White & Green
4	White & Brown

SPECIFICATIONS

- Conductor Type : Electrolytic Solid Annealed Bare Copper Conductor
- Conductor Size : 23 AWG, Solid
- Insulation Material : PTFE Insulation
- Outer Shield Material : Polyimide Backed Aluminum Foil-Polyester Tape with 100% Coverage Area
- Drain Wire Material : Annealed Tinned Copper
- Drain Wire Size : 7 X 0.30 mm (0.50 Sqmm)
- Outer Sheath : PTFE Sheathed
- Outer Sheath Color : Grey / Blue

FEATURES

- ✓ Operating Temp. Range : -267°C to 260°C
- ✓ Capacitance : - 15 pF/ft
- ✓ High Temperature Resistance
- ✓ Excellent Dielectric with Standing Properties
- ✓ Nominal Velocity of Propagation : - 67%
- ✓ Voltage Grade : 300 Volt
- ✓ DC Resistance at 20°C : 99.38 Ohms / Km. (Max.)
- ✓ Excellent Mechanical Strength

ORDERING CODE

CAT6 - STP - TEF - (X) → **Outer Color**

G - Grey
B - Blue

CAT6UTPPVCG

CAT-6 UTP CABLE

UNSHIELDED TWISTED PAIR



Pair No.	Colour
1	White & Blue
2	White & Orange
3	White & Green
4	White & Brown

SPECIFICATIONS

Conductor Type : Electrolytic Solid Annealed Bare Copper Conductor
 Conductor Size : 23 AWG, Solid
 Insulation : HDPE Insulation
 Outer Sheath : PVC / FR PVC / FRLS PVC
 Outer Sheath Color : Grey / Blue

FEATURES

- ✓ Storage Temp. Range : -20°C to 75°C
- ✓ Installation Temp. Range : 0°C to 60°C
- ✓ Operating Temp. Range : -20°C to 60°C
- ✓ Capacitance : -5.6 pF/100m
- ✓ Nominal Velocity of Propagation : -68%
- ✓ Insulation Resistance :- 5000 Mohm / Km
- ✓ Voltage Grade : 300 Volt
- ✓ DC Resistance at 20°C : 93.80 Ohms / Km.(Max.)
- ✓ Maximum DCR Unbalanced at 20°C(%) : 5

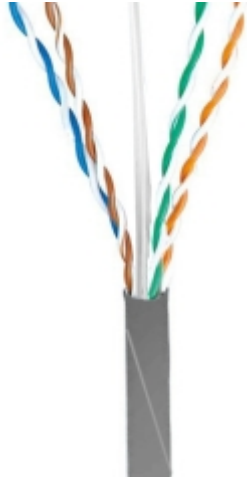
ORDERING CODE

CAT6 - UTP - PVC - (X) → **Outer Color**
 G - Grey
 B - Blue

CAT6UTPTEFG

CAT-6 UTP CABLE

UNSHIELDED TWISTED PAIR (PTFE INSULATED)



SPECIFICATIONS

Conductor Type : Electrolytic Solid Annealed Bare Copper
 Conductor
 Conductor Size : 23 AWG, Solid
 Insulation : PTFE Insulation
 Outer Sheath : PTFE Sheathed
 Outer Sheath Color : Grey / Blue

FEATURES

- ✓ Operating Temp. Range : -267 °C to 260 °C
- ✓ Capacitance : - 15 pF/ft
- ✓ Nominal Velocity of Propagation : - 70 %
- ✓ Voltage Grade : 300 Volt
- ✓ High Temperature Resistance
- ✓ Excellent Dielectric with Standing Properties
- ✓ DC Resistance at 20°C : 99.38 Ohms / Km. (Max.)
- ✓ Excellent Mechanical Strength

Pair No.	Colour
1	White & Blue
2	White & Orange
3	White & Green
4	White & Brown

ORDERING CODE

CAT6 - UTP - TEF - (X) → **Outer Color**
 G - Grey
 B - Blue

PDPPEBC022P

PROFIBUS DP CABLE



Profibus cable is a type of bus cable popularly used in discrete manufacturing and process control applications. Profibus cable facilitates communication between automation systems and decentralized peripheral equipment.

Due to its double screening it is suitable for installation in EMC demanding areas.

ORDERING CODE

PDP - PE - BC0 - 22 - (X) → **Outer Color**

P - Purple
B - Blue

SPECIFICATIONS

Conductor Type	: Electrolytic Solid Annealed Bare Copper Conductor
Conductor Size	: AWG 22 (0.643 mm)
Insulation Material	: HDPE Insulation
Outer Shield Material	: Aluminum Foil-Polyester Tape with 100% Coverage Area
Outer Braiding	: Annealed Tinned Copper Braided
Outer Sheath	: PVC / FR PVC / FRLS PVC
Outer Sheath Color	: Purple / Blue

FEATURES

- ✓ Installation Temp. Range : 0°C to 60°C
- ✓ Operating Temp. Range : -20°C to 80°C
- ✓ Diameter :- 7.90 mm
- ✓ Minimum Bending Radius :- 7 X Outer Diameter
- ✓ Conductor Resistance at 20°C :- 110 Ohm/Km
- ✓ Inductance :- 0.9 mH/Km
- ✓ Mutual Capacitance :- 30nF/Km
- ✓ Voltage Grade : 300 Volt
- ✓ Impedance : - 150 Ohm +/- 15 Ohm
- ✓ Voltage Grade : 300 Volt
- ✓ Impedance : - 150 Ohm +/- 15 Ohm

PPAPEBC016P

PROFIBUS PA CABLE



PROFIBUS PA (Process Automation) is used to monitor measuring equipment via a process control system in process automation applications. Profibus cable is used for the cabling of industrial field bus systems particularly developed for process automation and instrumentation application in hazardous and intrinsically safe areas.

ORDERING CODE

PPA - PE - BC0 - 22 - (X) → **Outer Color**

P - Purple
B - Blue

SPECIFICATIONS

Conductor Type	: Electrolytic Stranded Annealed Bare Copper Conductor
Conductor Size	: AWG 18, 16, 14
Insulation Material	: HDPE Insulation
Outer Shield Material	: Aluminum Foil-Polyester Tape with 100 % Coverage Area
Drain Wire Material	: Annealed Tinned Copper
Drain wire Size	: 7 X 0.30 mm (0.50 Sqmm)
Outer Sheath	: PVC / FR PVC / FRLS PVC
Outer Sheath Color	: Purple/ Blue

FEATURES

- ✓ Installation Temp. Range : 0 °C to 60°C
- ✓ Operating Temp. Range : 20°C to 80°C
- ✓ Diameter : 7.60 mm, 9.40 mm & 11.50 mm for AWG 18,16 & 24 Respectively with ±0.50 mm Tolerance
- ✓ Minimum Bending Radius : 7.5 X Outer Diameter
- ✓ Inductance: - 0.7 mH/Km
- ✓ Mutual Capacitance: - 60nF/Km
- ✓ Voltage Grade: 300 Volt
- ✓ Impedance: - 100 Ohm +/- 20 Ohm