

THE SPECIFICATION OF CAT.5E UTP PATCH 4 PAIRS CABLE

1.Scope

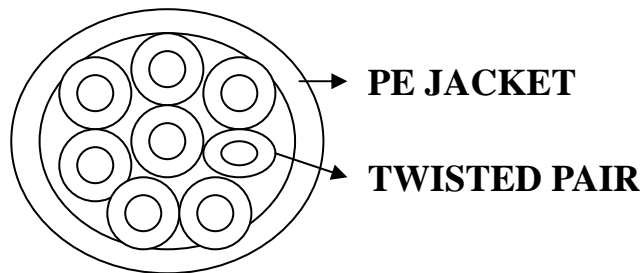
This specification describes a high speed data communication cable construction consisting of Two twisted pair, and PE jacket. They are suitable for use in high speed up to 100MHz ethernet network system.

2.Safety Standards

UL TYPE Style Page CM complying with UL Subject 758,UL 444 and UL 1581

3.Construction

3.1 Configuration



Twisted Pairs Color Code

1	Orange,White/Orange
2	Blue, White/Blue
3	Green,White/Green
4	Brown,White/Brown

3.1.1 Under 10,000hrs-UV.

3.2Component

- | | |
|--------------------------------------|--|
| a.Size of conductor | :AWG 24 (1 x 0.5mm) copper wire |
| b.Dielectric material | :PP |
| c.Diameter of Dielectric core | :0.92 ± 0.03 mm |
| d.UL style no. of single | :444 75 °C |
| e.Number of twist pairs | :Two pairs. |

Each one of two pairs with different pitch

3.3Assembly

:Two pairs of dielectric core shall be

stranded

in circular form.

3.4Jacket material

:PE.

Overall Diameter

:ave.5.4± 0.2 mm

Color

: BLACK