

## > COMPONENTS FOR CLASS 5E TRANSMISSION SYSTEMS



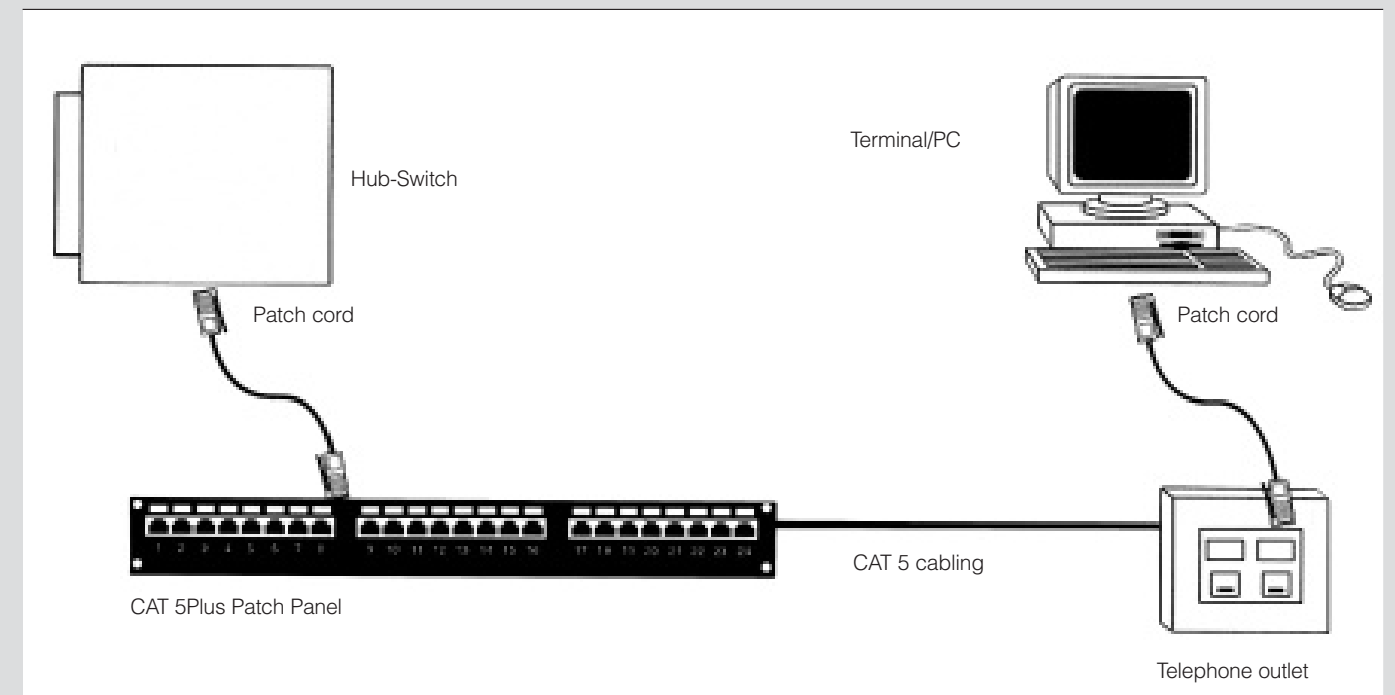
**EIA TIA 565/A or /B** Standards (the extensions A or B refer to different cabling): this US Standard first introduced the term "CAT. 5" to classify the cabling transmission features and application fields. CAT. 5 equipments are suitable for 100 Mbs up to 100 MHz.

**IEC 11801**, International Standard for generic cabling. The transmission features are classified according to different CLASSES.

## > REFERENCE STANDARDS

<p><b>ANSI/TIA/EIA-568</b> Commercial Building Telecommunications Cabling Standard</p>
<p><b>ISO/IEC 11801</b> Information Technology-Generic Cabling for Customer Premises</p>
<p><b>EN 50173</b> Information technology Generic cabling systems</p>

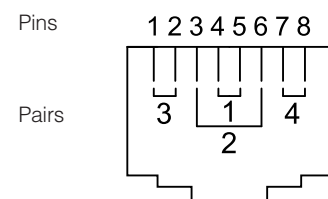
## > EXAMPLE OF A "CAT. 5E" DATA TRANSMISSION SYSTEM



## > APPLICATION EXAMPLES



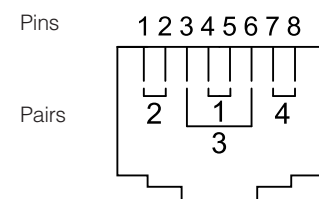
### > EIA/TIA 568A



**Pin Colours**

- 1- White and green
- 2- Green
- 3- White and orange
- 4- Blue
- 5- White and blue
- 6- Orange
- 7- White and brown
- 8- Brown

### > EIA/TIA 568B



**Pin Colours**

- 1- White and orange
- 2- orange
- 3- White and green
- 4- Blue
- 5- White and blue
- 6- Green
- 7- White and brown
- 8- Brown