

## > COMPONENTS FOR CLASS 5E TRANSMISSION SYSTEMS



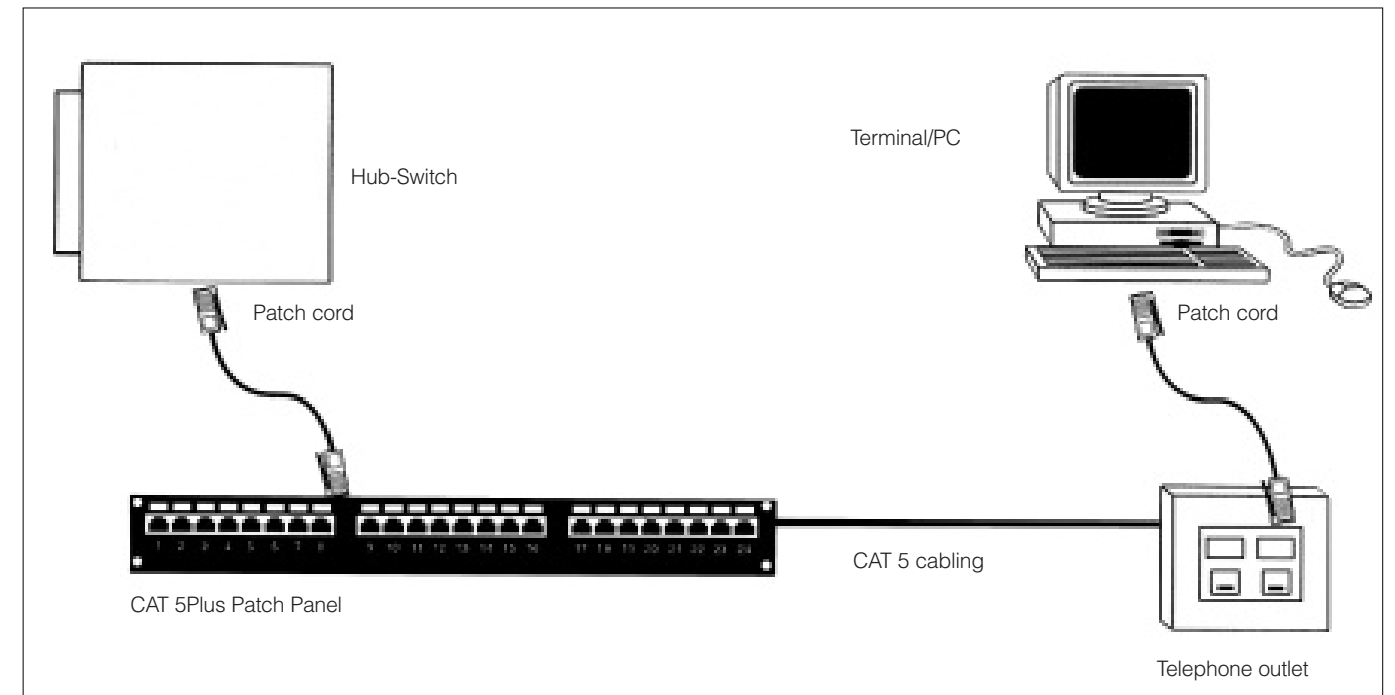
## > REFERENCE STANDARDS

- ANSI/TIA/EIA-568**  
 Commercial Building  
 Telecommunications Cabling Standard
- ISO/IEC 11801**  
 Information Technology-Generic Cabling  
 for Customer Premises
- EN 50173**  
 Information technology  
 Generic cabling 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.

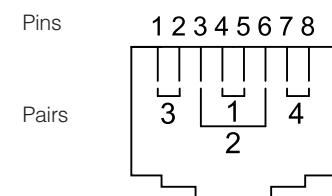
## > EXAMPLE OF A "CAT. 5E" DATA TRANSMISSION SYSTEM



## > APPLICATION EXAMPLES



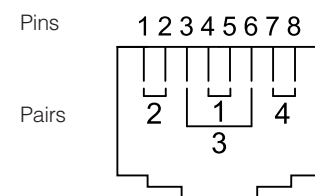
### > EIA/TIA 568A



#### Pin Colours

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

### > EIA/TIA 568B



#### Pin Colours

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