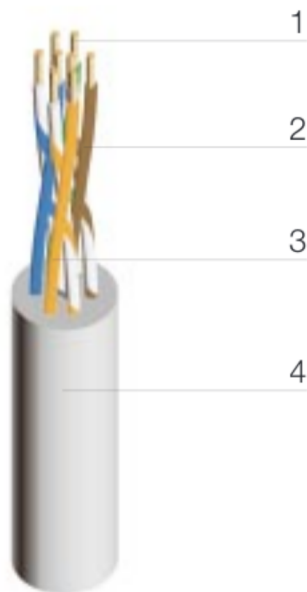
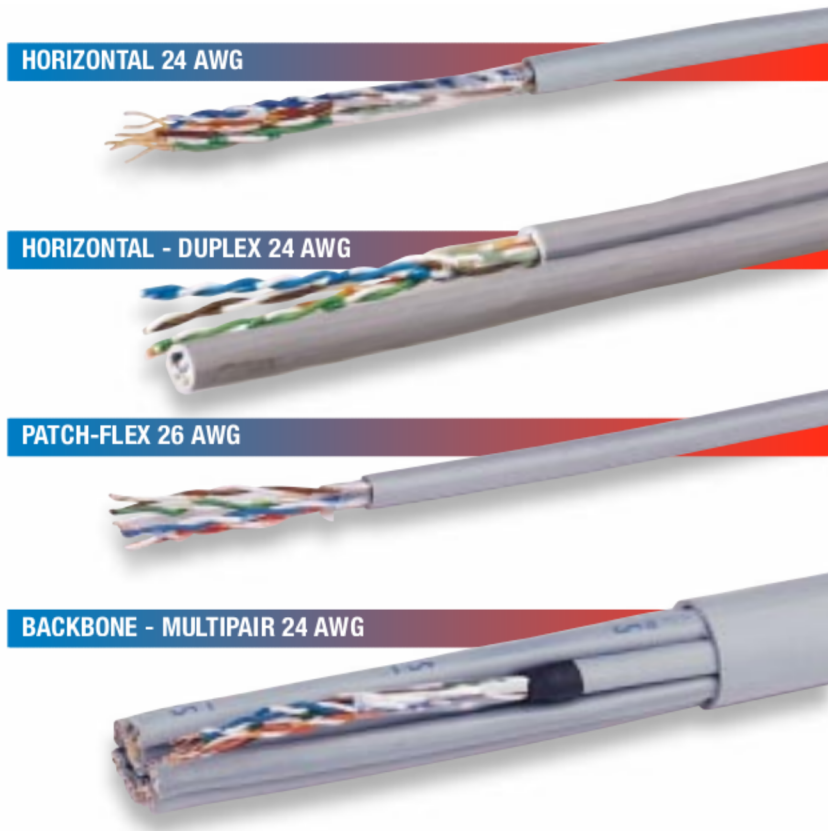


# UTP Cat. 5 UTP Cat. 5E

DX 1100 DX 2100

UNSHIELDED TWISTED PAIR  
200 MHz

Pirelli UTP cables exceed Category 5 ISO 11801, EN 50173 and EIA/TIA 568-A standards performance requirements. Available as Cat.5 base and Cat.5E Enhanced.



## CABLE CONSTRUCTION

(4 pairs cable 24 AWG, solid conductors) nominal values

### 1 CONDUCTOR

Annealed copper wire

diameter mm 0.52

2

### 2 INSULATION

Solid polyethylene

diameter mm 0.93

3

### 3 PAIRS

Colour code

Blue/White-Blue, Orange/White-Orange, Green/White-Green, Brown/White-Brown

4

### 4 OUTER SHEATH

PVC comp. (grey)

Cat. 5 LSOH comp. (light grey)

Cat. 5E LSOH comp. (violet)

outer diameter mm 5.3

## ELECTRICAL CHARACTERISTICS AT 20°C

|                                   |         |           |
|-----------------------------------|---------|-----------|
| Operating voltage                 | max     | 125Vdc    |
| DC loop resistance                | max     | 170Ω/km   |
| DC resistance unbalance           | max     | 1%        |
| Insulation resistance             | min     | 5 GΩ x km |
| Capacitance unbalance             | max     | 1600pF/Km |
| Input impedance (1-100 MHz)       |         | 100±15Ω   |
| Velocity of propagation (@100MHz) | nominal | 0.66 c    |

## FIRE PERFORMANCE

Meet or exceed:

IEC 60332-1  
VDE 0472 teil 04, B  
UL 1581 VW-1  
IEC 60754.2  
and IEC 61034.2

Afumex® (LSOH):