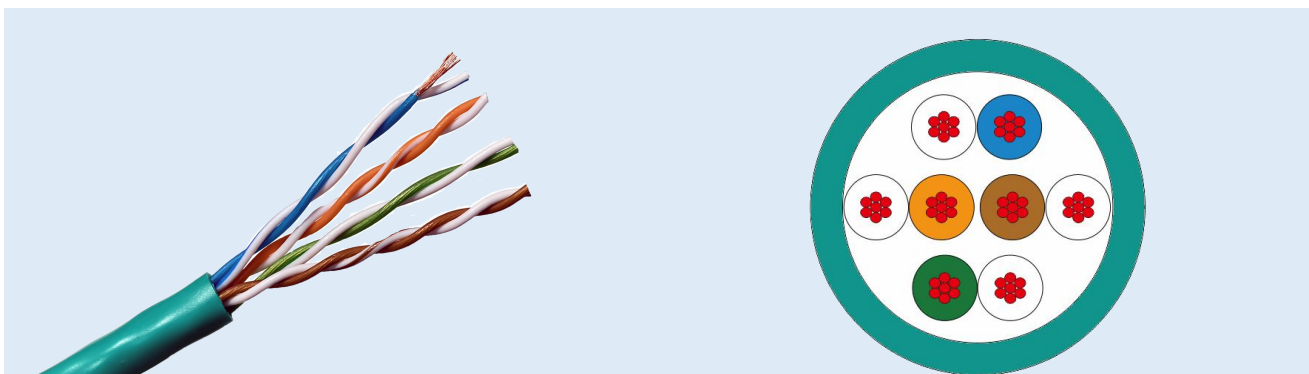


## UUTP Cat6a 28AWG Patch Cable



### Application

Short-distance device interconnection, and adaptation to diverse needs from homes to data centers through different specifications

### Technical Data

**Reference standard:** ISO/IEC 11801-1:2017(Ed. 1.0), TIA-568.2-D:2018

| Construction       | Material    | Diameter (mm) |
|--------------------|-------------|---------------|
| <b>Conductor:</b>  | Bare Copper | 0.13±0.01×7   |
| <b>Insulation:</b> | HDPE        | 0.61±0.05     |
| <b>Jacket:</b>     | PVC         | 3.60±0.20     |

### Transmission Performance

**Mean Impedance:** 100+/-5Ω (at 100MHz)

**NEXT:**

| Frequency (MHz) | 1    | 4    | 16   | 31.25 | 62.5 | 100  | 250  | 350  | 500  |
|-----------------|------|------|------|-------|------|------|------|------|------|
| Limit (dB)      | 75.3 | 66.3 | 57.2 | 52.9  | 48.4 | 45.3 | 39.3 | 37.1 | 34.8 |

**Return Loss:**

| Frequency (MHz) | 1    | 4    | 16   | 31.25 | 62.5 | 100  | 250  | 350  | 500  |
|-----------------|------|------|------|-------|------|------|------|------|------|
| Limit (dB)      | 20.0 | 23.0 | 25.0 | 23.6  | 21.5 | 20.1 | 17.3 | 16.3 | 15.2 |