



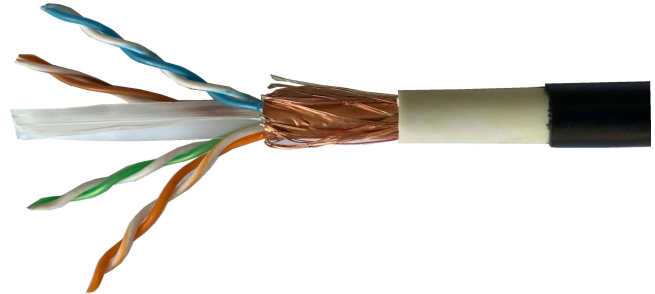
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Cable Type:LAN CABLE SFTP CAT6 OUTDOOR

Product Structure



Physical Dimensions

| Construction | Detail Specification |
|-----------------|--|
| Inner Conductor | 0.57mm (23AWG) Bare Copper |
| Insulation | 1.14+/-0.02mm HDPE |
| 4 Pairs | 1.(White)(Blue)/(Blue) 2.(White)(Green)/(Green) 3.(White)(Brown)/(Brown) 4.(White)(orange)/(Orange) |
| Separator | |
| Shield | PET Foil + Aluminum Foil |
| Braid | 64x0.12mm CCA |
| Inner Jacket | 6.4±0.2mm Jacket PVC |
| Outer Jacket | 7.5±0.2mm Jacket PE |

Electrical Characteristics

| | |
|--------------------------------------|--------------|
| Characteristic Impedance (1~1000MHz) | 100±15 Ohm |
| Delay Skew(ns/100m) | ≤45 |
| Transmission Speed | 0.6C |
| Capacitance | ≤5.6 nF/100m |

Operating Temp range: -20℃~ +70℃

| Frequency (MHz) | Return Loss dB/100m | Attenuation dB/100m | NEXT dB/100m | PHASE DELAY ns/100m | PSNEXT dB/100m | ELFEXT dB/100m | PSELFEXT dB/100m |
|-----------------|---------------------|---------------------|--------------|---------------------|----------------|----------------|------------------|
| 1 | 20.0 | 2.1 | 74.3 | 570.0 | 72.3 | 67.8 | 64.8 |
| 4 | 23.0 | 3.8 | 65.3 | 552.0 | 63.3 | 55.8 | 52.8 |
| 8 | 24.5 | 5.3 | 60.8 | 546.7 | 48.8 | 49.7 | 46.7 |
| 10 | 25.0 | 5.9 | 59.3 | 545.4 | 57.3 | 47.8 | 44.8 |
| 16 | 25.0 | 7.5 | 56.2 | 543.0 | 54.2 | 43.7 | 40.7 |
| 20 | 25.0 | 8.4 | 54.8 | 542.1 | 52.8 | 41.8 | 38.8 |
| 25 | 24.3 | 9.4 | 53.3 | 541.2 | 41.3 | 39.8 | 36.8 |
| 31.25 | 23.6 | 10.5 | 51.9 | 540.4 | 49.9 | 37.9 | 34.9 |
| 62.5 | 21.5 | 15.0 | 47.4 | 538.6 | 45.4 | 31.9 | 28.9 |
| 100 | 20.1 | 19.1 | 44.3 | 537.6 | 42.3 | 27.8 | 24.8 |
| 200 | 18.0 | 27.6 | 39.8 | 536.5 | 37.8 | 21.8 | 18.8 |
| 250 | 17.3 | 31.1 | 38.3 | 536.3 | 36.3 | 19.8 | 16.8 |