

Cat.7 S/FTP Installation Cable

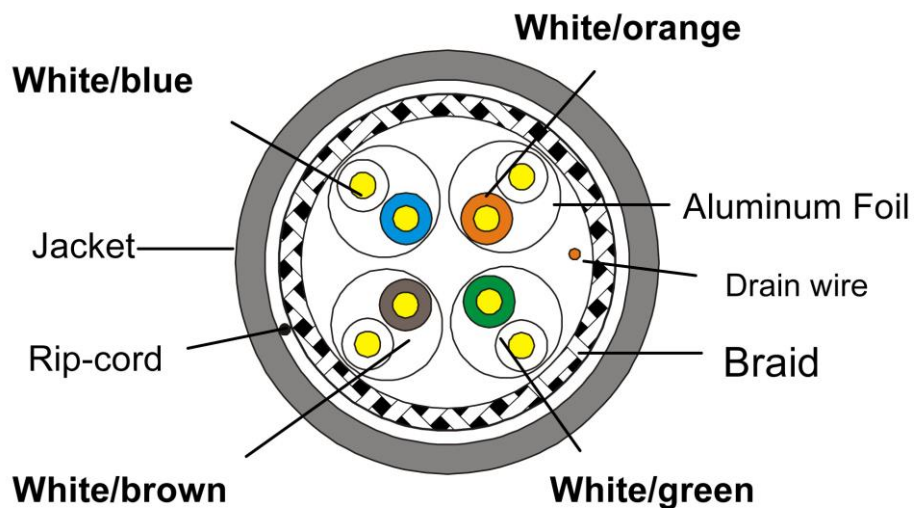


187301
187303
187305
187306



The equip[®] Installation Cable is made of preeminent materials and thoroughly examined to meet or surpass industrial standards defined by the EIA / TIA, ISO and EN standard bodies. The performance is guaranteed via a comprehensive test including attenuation, return loss, NEXT (Next End Crosstalk) and FEXT (Far End Crosstalk) up to 1000MHz and the hence the equip[®] Installation Cable serves well in the most demanding networking environments.

| Structure





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Specification

| | | |
|--|--------------|--|
| Conductor | Material | Bare Copper |
| | Construction | 23AWG, 1/0.56 ± 0.05mm |
| Insulation | Material | Skin-foam-skin PE |
| | Thickness | MIN at any point: 0.15 mm / MAX AVG:0.22 mm |
| | Diameter | 1.330 ± 0.05mm |
| | Colors | Blue-White/Blue, Orange-White/Orange, Green-White/Green, Brown-White/Brown |
| Jacket | Material | LSZH |
| | Thickness | 0.55mm ± 0.05mm |
| | Diameter | 7.5 ± 0.5mm |
| | Colors | Orange (RAL2003) |
| | Marking | 187301: equip CAT.7 S/FTP LSOH 4PR 23AWG INSTALL CABLE ISO/IEC 11801 & ANSI/TIA-568-C.2 VERIFIED EN50575:2014 Fire Class B2ca 187303: equip CAT.7 S/FTP LSOH 4PR 23AWG INSTALL CABLE ISO/IEC 11801 & ANSI/TIA-568-C.2 VERIFIED EN50575:2014 Fire Class B2ca 187305: equip CAT.7 S/FTP LSOH 4PR 23AWG INSTALL CABLE ISO/IEC 11801 & ANSI/TIA-568-C.2 VERIFIED EN50575:2014 Fire Class B2ca 187306: equip CAT.7 S/FTP LSOH 4PR 23AWG INSTALL CABLE ISO/IEC 11801 & ANSI/TIA-568-C.2 VERIFIED EN50575:2014 Fire Class B2ca |
| Reaction to Fire Classification | B2ca,s1,d1 | |

Electrical Properties

| | | |
|-----------------------------------|--|---------|
| Electrical Characteristics | Impedance(Ω) : (1-100MHz) | 100±15Ω |
| | (100-250MHz) | 100±18Ω |
| | (250-600MHz) | 100±25Ω |
| | Delay Skew (ns/100m) | <25 |
| | Velocity of Propagation (%) | 74 |
| | unbalanced-to-ground capacitance (pf/100m) max | 330 |
| | DC Resistance (Ω/100m) max | 9.38 |
| | DC Conductor Resistance Unbalanc (%) max | 2 |

| Performance

Technical Performance (100m):

| Frequency (MHz) | RL ≥dB | ATT ≤dB | NEXT ≥dB | PHASE DELAY ≤ns | Frequency (MHz) | PSNEXT ≥dB | ELFEXT ≥dB | PSELFEXT ≥dB |
|-----------------|--------|---------|----------|-----------------|-----------------|------------|------------|--------------|
| 1.0 | 20.0 | 2.0 | 78.0 | 570.0 | 1 | 75.0 | 78.0 | 75.0 |
| 4.0 | 23.0 | 3.74 | 78.0 | 552.0 | 4 | 75.0 | 78.0 | 75.0 |
| 8.0 | 24.5 | 5.24 | 78.0 | 546.7 | 8 | 75.0 | 75.9 | 72.9 |
| 10.0 | 25.0 | 5.86 | 78.0 | 545.4 | 10 | 75.0 | 74.0 | 71.0 |
| 16.0 | 25.0 | 7.41 | 78.0 | 543.0 | 16 | 75.0 | 69.9 | 66.9 |
| 20.0 | 25.0 | 8.29 | 78.0 | 542.0 | 20 | 75.0 | 68.0 | 65.0 |
| 25.0 | 24.3 | 9.29 | 78.0 | 541.2 | 25 | 75.0 | 66.0 | 63.0 |
| 31.25 | 23.6 | 10.41 | 78.0 | 540.4 | 31.25 | 75.0 | 64.1 | 61.1 |
| 62.5 | 21.5 | 14.88 | 75.5 | 538.6 | 62.5 | 72.5 | 58.1 | 55.1 |
| 100 | 20.1 | 19.02 | 72.4 | 537.6 | 100 | 69.4 | 54.0 | 51.0 |
| 150 | 18.9 | 23.56 | 69.8 | 536.9 | 150 | 66.8 | 50.2 | 47.2 |
| 200 | 18.0 | 27.47 | 67.9 | 536.5 | 200 | 64.9 | 48.0 | 45.0 |
| 250 | 17.3 | 30.97 | 66.4 | 536.3 | 250 | 63.4 | 46.0 | 43.0 |
| 300 | 17.3 | 34.19 | 65.2 | 536.1 | 300 | 62.2 | 44.5 | 41.5 |
| 600 | 17.3 | 50.10 | 60.7 | 535.5 | 600 | 57.7 | 38.4 | 35.4 |

| Ordering Information

| PN | EAN | Length |
|--------|---------------|--------|
| 187301 | 4015867138793 | 100m |
| 187303 | 4015867191606 | 200m |
| 187305 | 4015867138816 | 500m |
| 187306 | 4015867191613 | 1000m |