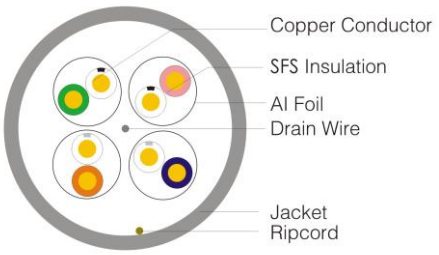
# 9137-U/FTP 4Pairs Cat.6 LSZH Jacket Lan Cable

| **Test Standard** | ANSI/TIA-568-C.2、ISO / IEC 11801、IEC 61156、BS EN 50288 | |
|---|---|---|
| **Physical Parameters** | | |
| Conductor | Material | Solid Bare Copper |
| | Diameter（mm） | 0.560±0.005 |
| Insulation | Material | PE(Skin-Foam-Skin) |
| | Diameter（mm） | 1.30±0.05 |
| Core color | 1.white-blue/blue | 2.white-orange/orange |
| | 3.white-green/green | 4.white-brown/brown |
| Wire pair shield | Aluminum Foil | |
| Drain wire | TC 0.4mm | |
| Sheath | Material | LSZH(DCA) |
| | Thickness（mm） | 0.55±0.05 |
| | Diameter（mm） | 7.4 ±0.3 |
| | Color | **blue** |
| Surface printing | Letter high（mm） | 3.0 ± 0.5 |
| | Color | Black/White |
| | Print error & Space | ≤± 0.5% ， 1m |




| **Electrical Parameters** | |
|---|---|
| Conductor Resistance (20℃) | ≤7.5 Ω/ 100m |
| Electrical Resistance Unbalance ( 20℃) | ≤2.5 % |
| Insulation Resistance | >5000 MΩ·km |
| Mutual capacitance of a pair | ≤5.6nF/100m |

**Technical Performance**

| **Feq** MHZ | **Zc** Ω | **IL** dB/100m | **RL** dB | **NEXT** dB/100m | **PS NEXT** dB/100m | **ELFEXT** dB/100m | **PS ELFEXT** dB/100m |
|---|---|---|---|---|---|---|---|
| 1.0 | 100±15 | ≤2.0 | ≥20.0 | ≥74.3 | ≥72.3 | ≥67.8 | ≥64.8 |
| 4.0 | | ≤3.8 | ≥23.0 | ≥65.3 | ≥63.3 | ≥55.8 | ≥52.8 |
| 10.0 | | ≤5.9 | ≥25.0 | ≥59.3 | ≥57.3 | ≥47.8 | ≥44.8 |
| 16.0 | | ≤7.5 | ≥25.0 | ≥56.2 | ≥54.2 | ≥43.7 | ≥40.7 |
| 20.0 | | ≤8.4 | ≥25.0 | ≥54.8 | ≥52.8 | ≥41.8 | ≥38.8 |
| 31.25 | | ≤10.5 | ≥23.6 | ≥51.9 | ≥49.9 | ≥37.9 | ≥34.9 |
| 62.5 | | ≤14.9 | ≥21.5 | ≥47.4 | ≥45.4 | ≥31.9 | ≥28.9 |
| 100 | | ≤19.0 | ≥20.1 | ≥44.3 | ≥42.3 | ≥27.8 | ≥24.8 |
| 200 | | ≤27.5 | ≥18.0 | ≥39.8 | ≥37.8 | ≥21.8 | ≥18.8 |
| 250 | | ≤31.0 | ≥17.3 | ≥38.3 | ≥36.3 | ≥19.8 | ≥16.8 |
| 300 | | ≤34.2 | ≥17.3 | ≥37.1 | ≥34.1 | ≥18.3 | ≥15.3 |
| 500 | | ≤45.3 | ≥17.3 | ≥33.8 | ≥30.8 | ≥13.8 | ≥10.8 |

| **Environment Temperature** | | | |
|---|---|---|---|
| Store | 0～40℃ | Work | -20 ～ 60℃ |

**Remark**

a) The Cable can pass fluke test.

b) Insulation Outer Diameter and Sheath Outer Diameter are for reference only.