

N-S256

Lewins Line

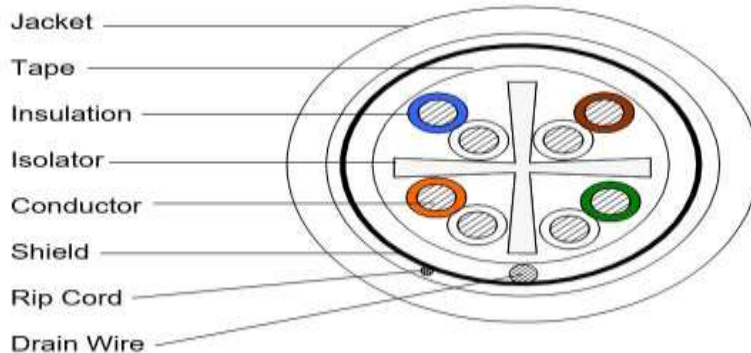
**N-S256 Copper Cable, Category 6, 4 Pair,
UTP,LSZH, 23 AWG, 305 MTR.**



Product Classification

Portfolio LEWINS-LINE®
Product Type Twisted pair cable
Regional Availability Asia | Australia/China |

Cross Section Drawing



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Revised: February 02, 2020

Lewins Line**Technical Information**

| | | | |
|------------------------|------------------------------|---------------------------|-------|
| Cable Type | U/UTP CAT6-4PAIR-LSZH COPPER | | |
| Conductor | MATERIAL | PURE COPPER | |
| | [MM] SIZE | 0.56mm | 0.005 |
| | | | |
| Insulation OF Cords | MATERIAL | HDPE | |
| | DIAMETER | 1.02±0.04mm | |
| Cross Skeleton | 4.8 | | |
| Sheath / Jacket | THICKNESS | >0.485mm | |
| | OUTER DIAMETER | 6.2±0.2mm | |
| | SURFACE | SMOOTHLY | |
| | MATERIAL | LSZH | |
| | COLOR | GREY | |
| General Specifications | Cable Type | U/UTP | |
| | Conductor Gauge, singles | 23 AWG | |
| | Conductor Type, singles | Solid | |
| | Conductors, quantity | 8 | |
| | Brand | Lewins-Line | |
| Cable Print | CABLE PRINT | According to buyer demand | |
| | height of words | 3.0±0.3mm | |
| | color of words | black | |
| | gap | ≤±0.5 % · 1M | |



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| | | |
|---|---|-------------------|
| Color OF Cores | 1) WHITE /BLUE | 2) WHITE / ORANGE |
| | 3) WHITE / GREEN | 4) WHITE / BROWN |
| Jacket Thickness | 0.559 mm 0.022 in | |
| Cable Length PER PCS | 305 m Per box 1000 ft. (13 kg/305m) | |
| Cable Weight | 22 lbs. 1000 ft. (10 kg/305m) | |
| Packing | 2 INNER BOX IN 1* CARTON | |
| Carton Size | 47*40*40CM | |
| Rip Cord | 300D STRAND | |
| Test Standard | FLUKE PERMANENT LINK DTX-5000 | |
| Physical properties of outer sheath/JACKET | BEFORE AGING Tensile strength [Mpa]≥13.5 elongation.[%]≥150 | |
| | AFTER AGING Tensile strength (Mpa)≥12.5 elongation[%]≥125 | |
| | AGING CONDITION [°C×hrs.] 100°C×24h×7d | |
| | COLD BEND [-20°C±2°C×4小时] NON -CRACKING | |
| Electrical Performance[20°C] | 1.0-100.0 Characteristic Impedance[OHM] 100±15 | |
| | 1.0-100.0MHz Delay Skew 20°C[ns/100m] ≤45 | |
| | DCR 20°C OHM /100m]max ≤15.5 | |
| | Resistance Unbalance [%]max ≤5.0 | |
| Applications include | Ethernet 10BASE-T, 100BASE-T (Fast Ethernet), and 1000BASE-T (Gigabit Ethernet) | |



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Mechanical Specifications

Minimum Bend Radius, multiple bends 11 kg | 25 lb.

Regulatory Compliance/Certifications

Quality Management System in line with
GB/T19001-2016 IDT ISO9001:2015 Standard Scope Certification
Digital Communication Cable (Communication Wire) Production

