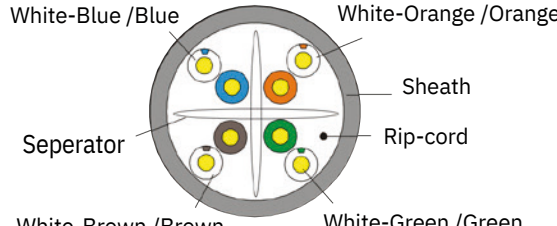


Laatuantenni Cat6 U/UTP Simplex Dca

Sähkönumero 0232553, -554, -557

| Content of the Data Sheet | | | | | | | | | | | | |
|---|--|------------------------|------------|------------|-----------|------------|--|-------------|-----------|--|--|--|
| Sheath Printing | LA - Cat6 1xU/UTP LSZH EC250 Dca-s2,d2,a1 NVP 69% xxxm xxweek/xyyear | | | | | | | | | | | |
| Customer No. | | | | | | | | | | | | |
| Category | SD U/UTP CAT6-4P-LSZH(Dca,s2,d2,a1) | | | | | | | | | | | |
| Reference Standard | ISO/IEC11801、ANSI/TIA-568.2-D | | | | | | | | | | | |
| Conductor | Material | SOLID-Bare Copper | | | | | | | | | | |
| | Nom.O.D.(mm) | 0.550 | up | +0.005 | down | -0.005 |  | | | | | |
| Insulation | Material | HDPE | | | | | | | | | | |
| | Diameter | 0.95±0.05mm | | | | | | | | | | |
| Sheath | Thickness | 0.55±0.1 mm | | | | | | | | | | |
| | External O.D. | 5.9±0.4mm | | | | | | | | | | |
| | Surface | Clean,Frap,Satiation | | | | | | | | | | |
| | Material | LSZH(complies RoHS) | | | | | | | | | | |
| | Color | Grey / Blue | | | | | | | | | | |
| Surface Printing | Letter height | 3.0±0.3mm | | | | | | | | | | |
| | Color | Black | | | | | | | | | | |
| | Print error & Space | ≤±0.5%, 1m | | | | | | | | | | |
| Core Color | 1 White- Blue /Blue | 2 White-Orange /Orange | | | | | | | | | | |
| | 3 White-Green /Green | 4 White- Brown /Brown | | | | | | | | | | |
| Packing | Wooden Tray & Carton | | | | | | | | | | | |
| Carton dimension | According to the requires | | | | | | | | | | | |
| Packing length | 305+1.5m / 500m | | | | | | | | | | | |
| Rip-cord | Yes | Drain wire | No | | | | | | | | | |
| Sheath Physical Properties | Before Aging Tensile Strength (Mpa) | ≥10.0 | | | | | | | | | | |
| | Elongation(%) | ≥125 | | | | | | | | | | |
| | Aging Period (°C×hrs) | 100°C×24h×7d | | | | | | | | | | |
| | After Aging Tensile Strength(Mpa) | ≥8.0 | | | | | | | | | | |
| | Elongation(%) | ≥100 | | | | | | | | | | |
| | Cold bend(-20±2°C×4h) 8×Cable O.D., No visible cracks | | | | | | | | | | | |
| Electrical Characteristics (20°C) | 1.0-250.0MHz Impedance ((Ω) | 100±15 | | | | | | | | | | |
| | 1.0-250.0MHz Delay Skew (ns/100m) | ≤45 | | | | | | | | | | |
| | DC Resistance (Ω/100m) max | 9.38 | | | | | | | | | | |
| | DC Conductor Resistance Unbalance (%) max | 5.0 | | | | | | | | | | |
| Reaction to fire Classification: Dca,s2,d2,a1 | | | | | | | | | | | | |
| Version | A/01 | Date | 2019-08-15 | Revised By | Caihangle | Audited By | Nidonghua | Approved By | Nidonghua | | | |