

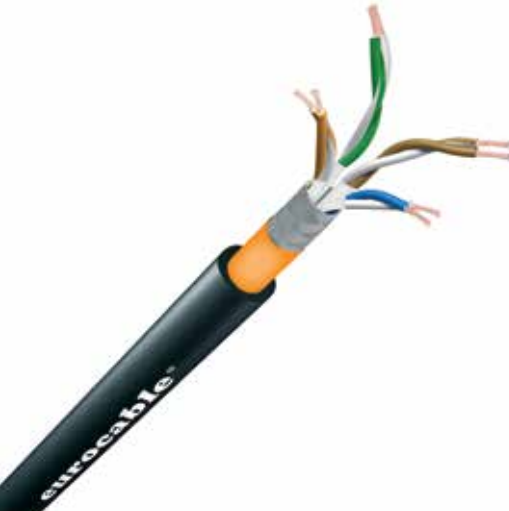
CAT7 Cable

A polyurethane sheath protects the new eurocable CAT 7 SFTP PUR cable. Specifically created for mobile outdoor transmission, this cable is flexible, strong, and was designed to be the most durable jacked cable available today.

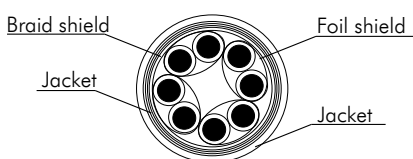
Link's testing criteria exceed all established nominal standards. CAT7 cables undergo EIA/TIA 568B.2 and ISO/IEC 11801 certification tests in which the complete range of relevant frequencies are analyzed. The test ensures that each value, at every frequency up to 1500 MHz, is compliant with the standard at the specified length. Eurocable CAT7 is the first cable for Dante that was tested successfully to 150M and is guaranteed to 120M for mobile applications.



CE



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| MOBILE |
| JACKET COLOR ■ |
| FLAME RETARDANT: IEC 60332-1 , IEC 60332-3-24 |



CVS LKCAT7 SFTP PUR

| TRANSMISSION DATA | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|--------------------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Frequency [MHz] | 1 | 4 | 10 | 16 | 20 | 31,25 | 62,5 | 100 | 125 | 155,5 | 175 | 200 | 250 | 300 | 450 | 600 | 750 | 900 | 1000 | 1200 | 1500 |
| Attenuation (max) | 2,00 | 3,50 | 5,30 | 6,60 | 7,50 | 9,50 | 13,50 | 16,50 | 18,80 | 21,00 | 21,20 | 23,20 | 25,40 | 28,40 | 36,00 | 41,00 | 47,80 | 52,00 | 55,30 | 59,00 | 70,00 |
| NEXT (min) | 90,00 | 90,00 | 90,00 | 90,00 | 85,00 | 85,00 | 80,00 | 80,00 | 80,00 | 80,00 | 75,00 | 75,00 | 75,00 | 70,00 | 70,00 | 65,00 | 65,00 | 65,00 | 65,00 | 55,00 | 50,00 |
| ACR (min) | 88,00 | 86,50 | 84,70 | 83,40 | 77,50 | 75,50 | 66,50 | 63,50 | 61,20 | 59,00 | 53,80 | 51,80 | 75,00 | 70,00 | 70,00 | 65,00 | 65,00 | 65,00 | 65,00 | 55,00 | 50,00 |
| Return Loss (min) | 25,00 | 25,00 | 25,00 | 25,00 | 25,00 | 25,00 | 25,00 | 25,00 | 25,00 | 25,00 | 25,00 | 25,00 | 25,00 | 25,00 | 25,00 | 20,00 | 20,00 | 20,00 | 20,00 | 20,00 | 15,00 |
| ELECTRICAL DATA | | | | | | | | | | | | | | | | | | | | | |
| D.C.R. at 20°C | | | | | | | | | | | ≤ 57,50 ohm/Km | | | | | | | | | | |
| Insulation resistance | | | | | | | | | | | > 5000 mOhm/Km | | | | | | | | | | |
| Insulation voltage | | | | | | | | | | | 1 Kv | | | | | | | | | | |
| Mutual capacitance | | | | | | | | | | | 43 pF/m at 800Hz | | | | | | | | | | |
| Nominal Impedance 1 KHz | | | | | | | | | | | 100 ohm (nom) | | | | | | | | | | |
| Propagation velocity | | | | | | | | | | | 77% | | | | | | | | | | |
| GENERAL DATA | | | | | | | | | | | | | | | | | | | | | |
| Cable | O.D. | 8,20 mm | | | | | | | | | | | | | | | | | | | |
| | Weight | 66,30 Kg/Km | | | | | | | | | | | | | | | | | | | |
| | Max pulling force | 380 N | | | | | | | | | | | | | | | | | | | |
| | Min bending radius | 10 x O.D. | | | | | | | | | | | | | | | | | | | |
| Jacket | Material | LSZH thermoplastic material | | | | | | | | | | | | | | | | | | | |
| | Color | Orange | | | | | | | | | | | | | | | | | | | |
| Overall shield | Material | Tinned copper braid | | | | | | | | | | | | | | | | | | | |
| | Coverage | 40% | | | | | | | | | | | | | | | | | | | |
| Single pair shield | Material | Aluminium/Polyester tape | | | | | | | | | | | | | | | | | | | |
| | Coverage | 100% | | | | | | | | | | | | | | | | | | | |
| Insulation | Material | Foamed polyethylene | | | | | | | | | | | | | | | | | | | |
| | O.D. | 1,52 mm | | | | | | | | | | | | | | | | | | | |
| Conductor | Quantity | 4x2 | | | | | | | | | | | | | | | | | | | |
| | Strand | 1x0,64 mm | | | | | | | | | | | | | | | | | | | |
| | Area | 0,32 mm² | | | | | | | | | | | | | | | | | | | |
| | Material | Red copper | | | | | | | | | | | | | | | | | | | |

Not suitable for applications above 50 volt ac; 75 volt dc.