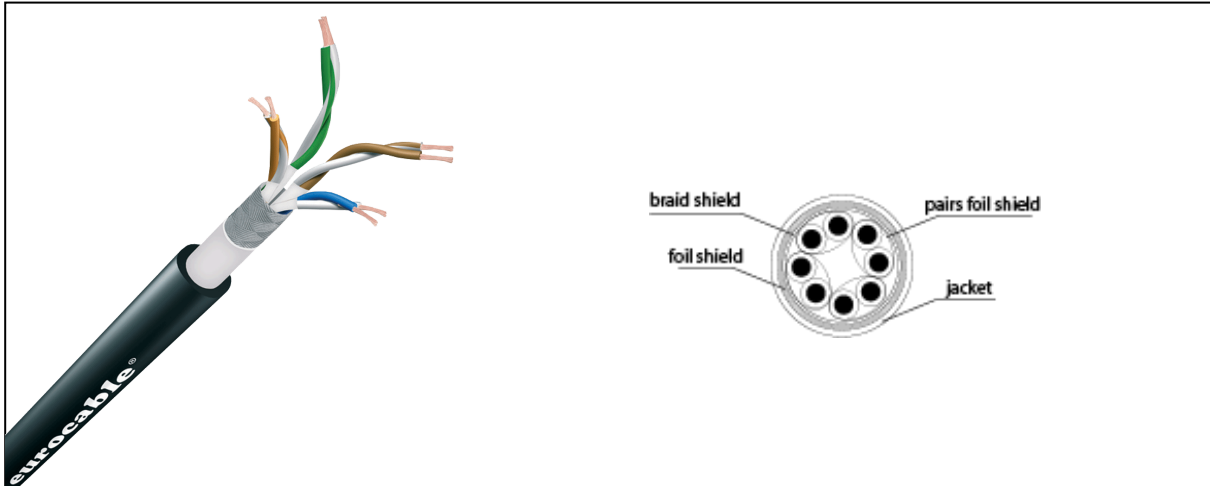


# CAT6A S/FTP SOLID BARE COPPER CABLE

CVS LKCAT6A S/FTP



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**GENERAL DATA**

|              |                 |  |
|--------------|-----------------|--|
| Cable        | O.D.            | 9,6 mm   |
|              | Standard reels  | 305 m  |
|              | Op. temperature | [-15°C; +80°C]   |
|              | Rating voltage  | 30V  |
| Outer jacket | Material        | PVC  |
|              | Color           | Black matt   |
| Sheath       | Material        | FRNC LSZ compound  |
|              | Outer diameter  | 7,4 mm   |
| Shield       | Material        | Overall Al/Per foil shielded pairs drain wire of tinner copper<br>Braid of tinned copper wires (65%) |
| Conductor    | Qty             | 4x2  |
|              | Strand          | 1x0,57 mm  |
|              | AWG             | 23   |
|              | Material        | Foil screened pairs of bare copper wires foamed polyethylene insulated                               |

**ELECTRICAL DATA**

|                             |                      |
|-----------------------------|----------------------|
| Impedence (ohm)             | [100 +/-5] at 100MHz |
| Mutual capicitance at 800Hz | 43 pF/m              |
| Velocity ratio              | 77%                  |

**TRANSMISSION DATA**

|                           |      |      |      |      |      |       |      |      |       |       |      |
|---------------------------|------|------|------|------|------|-------|------|------|-------|-------|------|
| Frequence (MHz)           | 1    | 4    | 10   | 16   | 20   | 31.50 | 62.5 | 100  | 155.5 | 250   | 500  |
| Attenuation (dB/100m) max | 2.1  | 3.8  | 5.9  | 7.5  | 8.4  | 10.5  | 15   | 19.1 | 24.1  | 31.11 | 43   |
| NEXT (dB) min             | 75.3 | 66.3 | 60.3 | 57.2 | 55.8 | 52.9  | 48.4 | 45.3 | 42.4  | 39.3  | 34.8 |