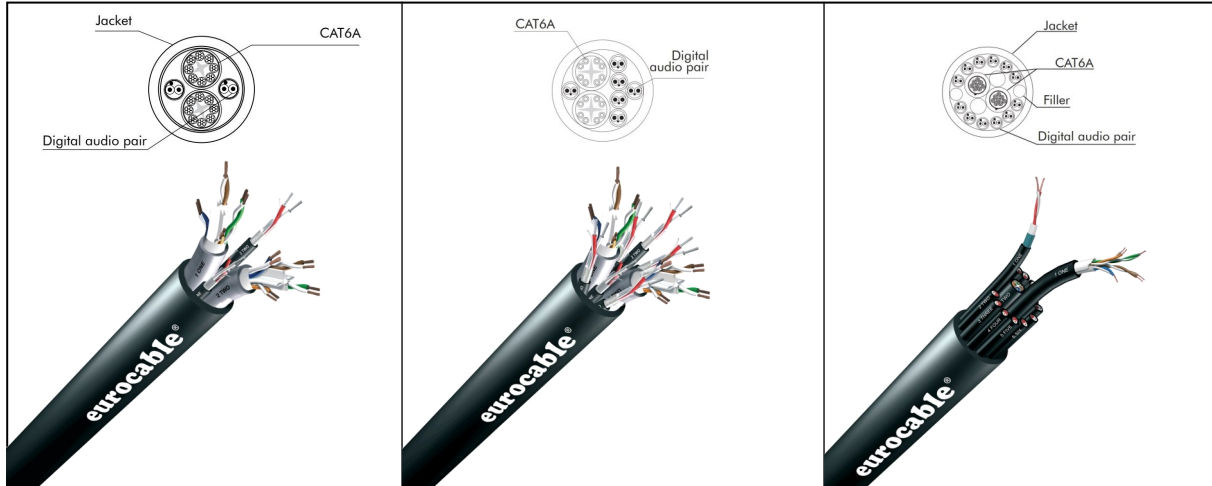


# MULTICORE CAT6A F/UTP ETHERNET + AES/EBU DIGITAL AUDIO CABLES

CVS LK2CAT6AF AD2

CVS LK2CAT6AF AD6

CVS LK2CAT6AF AD12



| TRANSMISSION SPECIFICATIONS |                   |   |      |      |      |                           |      |      |      |                            |      |      |      |
|-----------------------------|-------------------|---|------|------|------|---------------------------|------|------|------|----------------------------|------|------|------|
| Frequency [MHz]             | 1                 | 10  | 20   | 31   | 63   | 100                       | 125  | 155  | 175  | 200                        | 250  | 300  | 500  |
| Attenuation (max)           | 2,1               | 5,9   | 8,4  | 10,5 | 15   | 19,1                      | 21,5 | 24,1 | 25,7 | 27,6                       | 31,1 | 34,3 | 45,3 |
| NEXT (min)                  | 75,3              | 60,3  | 55,8 | 52,9 | 48,4 | 45,3                      | 43,8 | 42,4 | 41,7 | 40,8                       | 39,3 | 38,1 | 34,8 |
| ACR (min)                   | 68                | 48  | 42   | 38,1 | 32,1 | 28                        | 26,1 | 24,2 | 23,1 | 22                         | 20   | 18,5 | 14   |
| PS-NEXT (min)               | 72                | 57  | 53   | 50   | 45   | 42                        | 40,8 | 39,4 | 38,7 | 37,8                       | 36,3 | 35,1 | 31,8 |
| Return Loss (min)           | 20                | 25  | 25   | 23,6 | 21,5 | 20,1                      | 19,4 | 18,8 | 18,4 | 18                         | 17,3 | 17,3 | 17,3 |
|                             |                   | <b>CVS LK2CAT6AF AD2*</b>   |      |      |      | <b>CVS LK2CAT6AF AD6*</b> |      |      |      | <b>CVS LK2CAT6AF AD12*</b> |      |      |      |
| GENERAL DATA                |                   |   |      |      |      |                           |      |      |      |                            |      |      |      |
| Cable                       | O.D.              | 18.70 mm  |      |      |      | 20.40 mm                  |      |      |      | 23.50 mm                   |      |      |      |
|                             | Standard reels    | 305 m   |      |      |      |                           |      |      |      |                            |      |      |      |
| Jacket                      | Material          | PVC   |      |      |      |                           |      |      |      |                            |      |      |      |
|                             | Nominal Thickness | 2.46 mm   |      |      |      | 2.00 mm                   |      |      |      | 2.50 mm                    |      |      |      |
| Conductor                   | Quantity          | Audio: 2 - CAT6A: 2   |      |      |      | Audio: 6 - CAT6A: 2       |      |      |      |                            |      |      |      |
|                             | Strand            | Audio: 18 x 0.10 mm - CAT6: 1 x 0.555 mm  |      |      |      |                           |      |      |      |                            |      |      |      |
|                             | Area/AWG          | Audio: 0.14 mm <sup>2</sup> /26 - CAT6A: 0.24 mm <sup>2</sup> /23                           |      |      |      |                           |      |      |      |                            |      |      |      |
|                             | Insulation O.D.   | Audio: 1.25 mm  |      |      |      |                           |      |      |      |                            |      |      |      |
|                             | Material          | Audio: Tinned copper polyolefin insulated - CAT6A: Solid bare copper polyethylene insulated |      |      |      |                           |      |      |      |                            |      |      |      |

\*on request