



PVC

4.0
mm²

multicore speaker cable - ultra eXtreme 16x 4.0 mm² - PVC

- for multi-amplifier systems
- extreme reversed bending strength
- extra fine stranded conductors
- very short length of core twisting
- acc. to VDE 0295, class 6 (IEC 60228 cl.6)
- increased tensile strength due to LCP braiding (Vectran™)
- low-temperature-flexible down to -20°C

The introduction of new possibilities in professional sound reinforcement technology such as 3D and immersive audio, d&b Soundscape, L-Acoustics L-ISA etc. and beam steering technologies such as d&b Array Processing etc. also has an impact on existing cabling solutions. Taking this into account, we have developed our LSC1640YS, a 16-way speaker multicore cable that replaces two 8-way speaker cables in the above-mentioned systems. In combination with also new loudspeaker multipin connectors they reduce the set-up times and enable an unmistakable wiring of even large line array systems with array processing.

design

| | |
|-----------------|---|
| conductor | stranded bare copper, class 6 (IEC 60228) |
| insulation | PVC, color-coded and numbered |
| cable stranding | 16 cores twisted in layers |
| outer jacket | PVC black with LCP braiding (Vectran™) |

electric

| | |
|------------------------|-------|
| max. operating voltage | 300 V |
|------------------------|-------|

mechanical & thermal characteristics

| | |
|---------------------|---------------------------------------|
| min. bending radius | |
| installed | 5x overall diameter |
| mobile use | 10x overall diameter |
| working temperature | |
| installed | -30°C / +70°C |
| moved | -20°C / +70°C |
| flame retardancy | flame retardant acc. to IEC 60332-1-2 |

| order code | no. of cores x cross section mm ² | cond. construction mm | conductor resistance Ω/km | outer jacket | operating temperature |
|------------|---|--------------------------|------------------------------|--------------|-----------------------|
| LSC1640YS | 16 x 4.0 | 226 x 0.15 | 4.5 | PVC | -30°C / +70°C |

| order code | outer Ø mm | cable color | copper weight g/m | weight kg/m |
|------------|---------------|-------------|----------------------|----------------|
| LSC1640YS | 21.4 | black | 640 | 1 |

technical specifications are subject to change