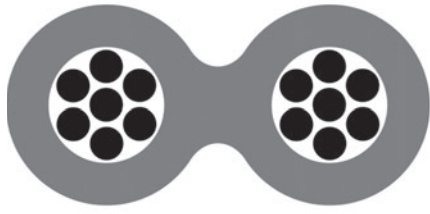


# Loudspeaker Cables



| Cross section (mm <sup>2</sup> ) | 2 x 0,5 | 2 x 0,5 | 2 x 0,75 | 2 x 0,75 | 2 x 1,5 | 2 x 1,5 | 2 x 2,5 | 2 x 2,5 | 2 x 4 | 2 x 4 |
|----------------------------------|---------|---------|----------|----------|---------|---------|---------|---------|-------|-------|
| Part no.                         | 40180   | 40023   | 40181    | 40024    | 40182   | 40025   | 40183   | 40026   | 40184 | 40027 |

## Cable structure

**Conductor material:** Copper litz wire, bare

**Identification:** Grooves

|                        |             |           |             |           |             |           |             |           |             |           |
|------------------------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|
| Cond. make-up          | 16 x 0,20   | 16 x 0,20 | 24 x 0,20   | 24 x 0,20 | 28 x 0,25   | 28 x 0,25 | 48 x 0,25   | 48 x 0,25 | 55 x 0,30   | 55 x 0,30 |
| Insulation h x w mm    | 2,1 x 4,7   | 2,1 x 4,7 | 2,2 x 4,9   | 2,2 x 4,9 | 2,6 x 5,5   | 2,6 x 5,5 | 3,3 x 7,0   | 3,3 x 7,0 | 4,3 x 8,2   | 4,3 x 8,2 |
| Jacket material        | PVC         | PVC       | PVC         | PVC       | PVC         | PVC       | PVC         | PVC       | PVC         | PVC       |
| Jacket colour          | transparent | black/red | transparent | black/red | transparent | black/red | transparent | black/red | transparent | black/red |
| Weight approx. kg / km | 15          | 15        | 20          | 20        | 37          | 37        | 63          | 63        | 80          | 80        |

## Electrical characteristics

|                                      |           |           |           |           |           |           |           |           |          |          |
|--------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|
| <b>Loop resistance max. (Ohm/km)</b> | <b>70</b> | <b>70</b> | <b>47</b> | <b>47</b> | <b>23</b> | <b>23</b> | <b>14</b> | <b>14</b> | <b>9</b> | <b>9</b> |
| Capacitance pF/m                     | 47        | 47        | 60        | 60        | 67        | 67        | 67        | 67        | 64       | 64       |
| Inductance µH/m at                   |           |           |           |           |           |           |           |           |          |          |
| 1 kHz                                | 0,67      | 0,67      | 0,61      | 0,61      | 0,54      | 0,54      | 0,54      | 0,54      | 0,58     | 0,58     |
| 10 kHz                               | 0,79      | 0,79      | 0,73      | 0,73      | 0,59      | 0,59      | 0,62      | 0,62      | 0,65     | 0,65     |
| 100 kHz                              | 0,85      | 0,85      | 0,73      | 0,73      | 0,59      | 0,59      | 0,62      | 0,62      | 0,65     | 0,65     |
| 1000 kHz                             | 0,8       | 0,8       | 0,67      | 0,67      | 0,52      | 0,52      | 0,56      | 0,56      | 0,59     | 0,59     |
| Copper weight kg/km                  | 9,6       | 9,6       | 14,4      | 14,4      | 28,8      | 28,8      | 48,0      | 48,0      | 76,8     | 76,8     |

| Cross section (mm <sup>2</sup> ) | 2 x 1,5 | 2 x 2,5 | 2 x 4 | 2 x 6 | 2 x 10 |
|----------------------------------|---------|---------|-------|-------|--------|
| Part no.                         | 40185   | 40186   | 40187 | 40188 | 40189  |

## Cable structure

**Conductor material:** Bare copper litz wire, highly flexible

**Identification:** Stripes

|                        |             |             |             |             |             |
|------------------------|-------------|-------------|-------------|-------------|-------------|
| Cond. make-up          | 189 x 0,10  | 322 x 0,10  | 511 x 0,10  | 777 x 0,10  | 1273 x 0,10 |
| Insulation h x w mm    | 3,1 x 6,5   | 3,6 x 7,5   | 5 x 10,2    | 6,1 x 12,5  | 7,0 x 15,0  |
| Jacket material        | PVC         | PVC         | PVC         | PVC         | PVC         |
| Jacket colour          | transparent | transparent | transparent | transparent | transparent |
| Weight approx. kg / km | 41          | 60          | 79          | 136         | 254         |

## Electrical characteristics

|                                      |           |           |          |          |          |
|--------------------------------------|-----------|-----------|----------|----------|----------|
| <b>Loop resistance max. (Ohm/km)</b> | <b>23</b> | <b>14</b> | <b>9</b> | <b>6</b> | <b>3</b> |
| Capacitance pF/m                     | 67        | 53        | 50       | 54       | 59       |
| Inductance µH/m at                   |           |           |          |          |          |
| 1 kHz                                | 0,54      | 0,48      | 0,49     | 0,46     | 0,45     |
| 10 kHz                               | 0,61      | 0,55      | 0,56     | 0,54     | 0,53     |
| 100 kHz                              | 0,62      | 0,59      | 0,6      | 0,56     | 0,56     |
| 1000 kHz                             | 0,55      | 0,54      | 0,56     | 0,53     | 0,52     |
| Copper weight kg/km                  | 28,8      | 48,0      | 76,8     | 115,2    | 192,0    |

Dimensions and specifications may be changed without prior notice. (RM01)

## Note

- The materials used in manufacture are cadmium-free, contain no silicone and are free from substances harmful to the wetting properties of lacquers.