

ONE Bulk Buy Speaker Cable

Kordz ONE series bulk speaker cable is designed to suit the discerning AV Integrator/ installer. Engineered to provide ease of installation with the newly designed pull reel box, easy glide jacket and an easy strip internal nylon rip cord. Available in 2 different colours and various gauge sizes to suit the application required.



- Engineered and constructed to ensure installation success and ease,
- 99.99% Oxygen Free Copper (OFC),
- Low smoke zero halogen (LSZH) construction,
- Easy glide yellow & purple outer jacket,
- Sturdy easy pull reel box,
- Metre marked,
- Easy strip internal nylon rip cord,
- Available in 2 or 4 core conductors,
- Available in 12, 14 or 16 AWG wire gauge,
- Industry standard colour coding (red, black, green, white)
- **CPR Declared Performance: Eca (EN 50575:2014+A1:2016)**

| Speaker Cable Options, Q1'2018 | | | | Jacket Material | | Jacket Colour | | |
|--------------------------------|--|---------------------------|----------------------------------|-----------------|--------|---------------|--------|----------|
| Model | Configuration | Cross Section to scale | Spool Length metre- marked | LSZH | UL CL3 | Purple | Yellow | Charcoal |
| ONE-SP122 | 12AWG (65 strands) 2 core OFC 7.5±0.2mm OD | | 152.5m 500ft | ✓ | | ✓ | ✓ | 2 |
| ONE-SP142 | 14AWG (82 strands) 2 core OFC 7.5±0.2mm OD | | 152.5m 500ft | ✓ | | ✓ | ✓ | 2 |
| ONE-SP144 | 14AWG (82 strands) 4 core OFC 8.8±0.2mm OD | | 152.5m 500ft | ✓ | 1 | ✓ | ✓ | 2 |
| ONE-SP162 | 16AWG (65 strands) 2 core OFC 6.0±0.2mm OD | | 305m 1000ft | ✓ | | ✓ | ✓ | 2 |
| ONE-SP164 | 16AWG (65 strands) 4 core OFC 7.0±0.2mm OD | | 152.5m 500ft | ✓ | 1 | ✓ | ✓ | 2 |



| Internal Conductor Colours | | |
|----------------------------|------------|--------------|
| Model | Pair A | Pair B |
| 2 core | Black, Red | — |
| 4 core | Black, Red | Green, White |

- All models in plastic spool box 340H x 265W x 335D (mm).
- 12 cartons per pallet layer, maximum 3 layers per pallet.

¹ Available special order, minimums apply

² Coming soon



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Applications

- Residential & commercial,
- Home Theatre,
- Rack & AV Cupboard,
- Corporate & Board Room,
- Education.

Jacket Materials

Low Smoke Zero Halogen (LSZH)

Uses materials to aid human safety in the event of fire. Low smoke emission aids visibility and breathability during evacuation. Zero halogens are released when the cable is subjected to high heat sources and combustion, preventing the formation of toxic and corrosive gases. This is mostly used in marine applications and throughout Europe.

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UL CL3

Uses materials to prevent fire propagation via the cable in the event of fire. CL3 is a general purpose standard suitable for vertical trays but not for more demanding situations such as risers and tunnels. Mostly used in North America.

Logistics

| Model | Part number | EAN-13 barcode | Gross weight | Carton dimensions | Shipping |
|-----------|----------------|----------------|--------------|-------------------------|--|
| ONE-SP122 | K12202-152M-YL | 9340382007749 | 16.7 kg | 340H x 265W x 335D (mm) | 36 mixed cartons per pallet 1.086m ³ |
| | K12202-152M-PP | 9340382007732 | 16.7 kg | | |
| ONE-SP142 | K11802-152M-YL | 9340382007701 | 14.0 kg | | |
| | K11802-152M-PP | 9340382007695 | 14.0 kg | | |
| ONE-SP144 | K11902-152M-YL | 9340382007725 | 22.4 kg | | |
| | K11902-152M-PP | 9340382007718 | 22.4 kg | | |
| ONE-SP162 | K11402-305M-YL | 9340382007640 | 17.3 kg | | |
| | K11402-305M-PP | 9340382007633 | 17.3 kg | | |
| ONE-SP164 | K11502-152M-YL | 9340382007664 | 14.8 kg | | |
| | K11502-152M-PP | 9340382007657 | 14.8 kg | | |

ONE-SP Electrical Characteristics - Maximum cable lengths to minimise power loss

| Cable Gauge | 4Ω Speaker | | | | 8Ω Speaker | | | | 16Ω Speaker | | |
|--|--------------|--------------|---------------|----------------|--------------|---------------|----------------|----------------|-------------------|----------------|----------------|
| | 0.5db (11%) | 1.0dB (21%) | 2.0dB (37%) | 3.0dB (50%) | 0.5db (11%) | 1.0dB (21%) | 2.0dB (37%) | 3.0dB (50%) | 0.5db (11%) | 1.0dB (21%) | 2.0dB (37%) |
| 16AWG | 17m 58ft | 37m 124ft | 85m 280ft | 145m 476ft | 35m 116ft | 75m 248ft | 170m 560ft | 290m 953ft | 71m 233ft | 151m 496ft | 341m 1120ft |
| 14AWG | 28m 92ft | 60m 197ft | 135m 445ft | 230m 757ft | 56m 185ft | 120m 394ft | 271m 890ft | 461m 1515ft | 113m 371ft | 240m 788ft | 542m 1780ft |
| 12AWG | 43m 141ft | 91m 301ft | 207m 680ft | 352m 1157ft | 86m 283ft | 183m 602ft | 414m 1360ft | 705m 2315ft | 173m 567ft | 367m 1204ft | 829m 2721ft |
| Length figures are based on copper resistivity at 20°C (68°F) shown here. Resistivity and cable power loss both increase with temperature. For example, to cap power loss at 11% to an 8Ω speaker, 16AWG cable should be limited to 35m (116ft) at 20°C (68°F) or 30m (100ft) at 75°C (167°F). | | | | | | | | | 16AWG ≤ 13.7 Ω/km | | |
| | | | | | | | | | 14AWG ≤ 8.62 Ω/km | | |
| | | | | | | | | | 12AWG ≤ 5.64Ω/km | | |

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