

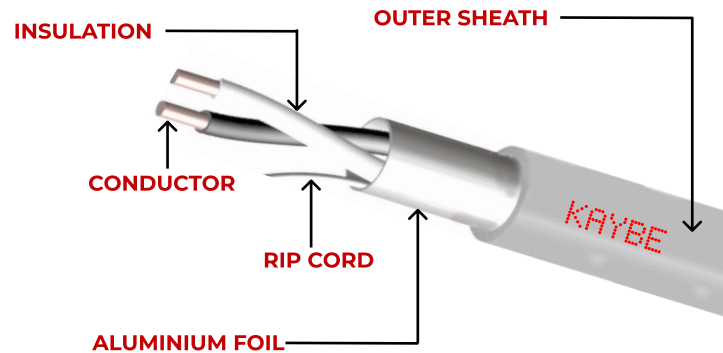


## 2CORE 18AWG CABLES - CMR, LSZH - SHIELDED

**PRODUCT NO.:** BMS/2100SH

**DESCRIPTION:** Available in CMR, LSZH Jackets

The KAYBE 2-Core 18AWG Shielded Speaker Cable delivers superior audio clarity with shielding to minimize interference. Featuring CMR, LSZH, and HFFR-rated jacketing, it ensures fire safety, low smoke, and halogen-free performance. Ideal for professional audio setups in residential, commercial, and public spaces.



### STANDARD REFERENCES

|                      |                        |
|----------------------|------------------------|
| UL Rating            | CMR, LSZH              |
| UL Flammability      | UL 1666 Vertical Shift |
| ISO/IEC Flammability | IEC 60332-1            |
| UL Voltage Rating    | 300V RMS               |
| Certification        | CE ROHS certified      |

### PACKAGING

|           |                                     |
|-----------|-------------------------------------|
| Packaging | 305M Wooden Spool x 2 Drums per box |
|-----------|-------------------------------------|

CONSTRUCTION DATA SHEET

|                   |                                                 |
|-------------------|-------------------------------------------------|
| Item              | Audio & Security Cable                          |
| CONDUCTOR         |                                                 |
| Conductor         | 2 Cores (1 Pair)                                |
| Material          | Bare Copper                                     |
| AWG               | 18 AWG                                          |
| Structure         | 7x26 (0.40mm)                                   |
| INSULATION        |                                                 |
| Material          | PE                                              |
| Average Thickness | 0.30mm                                          |
| Diameter          | 1.80mm + 0.05 mm                                |
| RIP Cord          | Yes, Nylon                                      |
| PE Color          | 1. Black: RAL9005    2. Red: RAL3000            |
| SHIELDING         |                                                 |
| Polytape          | 100% Coverage                                   |
| Alu Tape Foil     | 100% Coverage                                   |
| Drain Wire        | 7x30awg tinned copper                           |
| OUTER JACKET      |                                                 |
| Material          | UL Rated PVC                                    |
| Average Thickness | 0.43mm                                          |
| Diameter          | 4.30 + 0.2mm CMR PVC                            |
| Color             | Grey                                            |
| PRINTING          | KAYBE Speaker & Control Cable (BMS/2100) 305M.. |
| LENGTH            | 305METERS (1000FT)                              |

ELECTRICAL PARAMETERS

|                                             |                |
|---------------------------------------------|----------------|
| Temperature Rating                          | -20°C To +75°C |
| Operating Voltage                           | 300V RMS Max.  |
| Dc Resistance                               | 22 Ω/KM max    |
| Capacitance Between conductor to Shield1Khz | 70 pF/m        |

PHYSICAL PROPERTIES

|                  |                                        |
|------------------|----------------------------------------|
| Deformation Test | 50% Maximum (80 ± 20C X 4 hrs)         |
| Heat Shock Test  | (100 ± 20C X 2 hrs (No Cracks)         |
| Shrinkage Test   | 4% Maximum at 100 ± 20C for 15 Minutes |
| Cold Ben Test    | (-15 ± 20C X 4 hrs (No Cracks)         |

FLAMMABILITY TEST

|                    |                                           |
|--------------------|-------------------------------------------|
| Time Period        | 60 seconds                                |
| Unaffected Portion | 50mm from the lower edge of the top clamp |

ORDERING INFORMATION AS PER FOLLOWS

| PART NO    | DESCRIPTION                                     | COLOR  | WEIGHT    |
|------------|-------------------------------------------------|--------|-----------|
| BMS/2100SH | 2CORES 18AWG, SPEAKER CABLES, CMR PVC, SHIELDED | Grey   | 26kg/km   |
| BMS/2100LS | 2CORES 18AWG, SPEAKER CABLES, LSZH, SHIELDED    | Purple | 27.6kg/km |