

### Highlights:

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- 24 AWG thin and dense stranded conductors
- 0.15 " (Ø) outer diameter

### Product information:

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The BMC224 is a balanced microphone cable composed of two stranded conductors surrounded by Al-Mylar shielding in a flexible but durable PVC outer jacket, making it suitable for a wide variation of installation applications such as rack cabling and pulling through tubes and ducts. It consists of a 24 AWG stranded conductor section with Al-Mylar foil shielding and drain wire. Combined with a strong bond between shielding and jacket, stripping of both jacket and shielding can be done in one action which guarantees the highest installer convenience when terminating with connectors. The highly effective shielding offers excellent immunity against noise and interference caused by external devices.



### Inner Conductors:

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### Shielding:

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### Product Features:

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|             |      |
|-------------|------|
| Application | null |
| Series      | null |

## Physical Characteristics:

|                   |                      |            |          |                          |
|-------------------|----------------------|------------|----------|--------------------------|
| Inner conductor   | Audio                | Insulation | Material | HDPE 0.049 " (Ø)         |
|                   | Insulation           | Colours    |          | White / Red              |
| Overall shielding | Aluminium foil       |            |          | null                     |
| Outer jacket      | Material             |            |          | PVC 3.8 mm (Ø)           |
|                   | Colours              |            |          | Black                    |
| Type of cable     |                      |            |          | 24 AWG Microphone cable  |
| Inner conductor   | Material             |            |          | BC 7 x 0.20 mm (Ø) (OFC) |
|                   | Section              |            |          | 0.00034 "²               |
|                   | American Wire Gauge  |            |          | 24 AWG                   |
|                   | Number of conductors |            |          | 2                        |
|                   | Conductor twisting   |            |          | Yes                      |

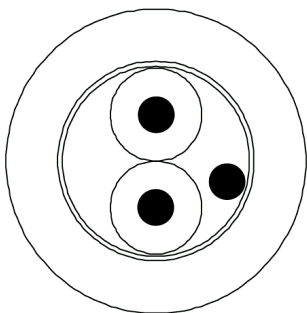
## Standards & regulations:

|                 |                                   |
|-----------------|-----------------------------------|
| RoHS2 compliant | According EU Directive 2011/65/EU |
| Reach compliant | According EC 1907/2006            |

## Mechanical Characteristics:

|                   |                     |                       |
|-------------------|---------------------|-----------------------|
| Temperature range | Fixed installation  | - 68 °F till + 176 °F |
|                   | Mobile installation | - 59 °F till + 140 °F |
| Bending radius    | Fixed installation  | 8 x outer diameter    |
|                   | Mobile installation | 10 x outer diameter   |

## Cross sections:



## Electrical Characteristics:

|                     |               |                         |
|---------------------|---------------|-------------------------|
| Max. conductor      | DC resistance | 93 (Ω / Km)             |
| Resistance          | Insulation    | Min. 100 MΩ / km @ 68°F |
| Dielectric strength |               | 500 (kV / 1 min. DC)    |
| Rated voltage       |               | 300 V                   |

## Variants:

- BMC224/1 - 100 meter
- BMC224/3 - 300 meter