

### Highlights:

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- Flexible PVC jacket
- 26 AWG stranded conductors
- Spiral shielding
- Compact construction

### Product information:

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The MC105 microphone cable is a very compact cable for indoor and outdoor applications. The cable consists of a flexible PVC jacket and has an O.D. of 3.5 mm. Two insulated and twisted conductors are provided inside the cable. The durable shielding gives an excellent protection against interference of all kinds such as electromagnetic fields produced by dimmers, electric motors or power cables. The MC105, which is available in black, grey or white, can be used in fixed installations or for internal wiring of audiorack systems where compact cabling is needed.



### Properties:

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### Inner Conductors:

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### Shielding:

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## Product Features:

|             |                    |
|-------------|--------------------|
| Application | AV & IT            |
| Series      | Bulk & Accessories |

## Physical Characteristics:

|                 |                      |          |                           |
|-----------------|----------------------|----------|---------------------------|
| Inner conductor | Insulation           | Material | LDPE 1 mm (Ø)             |
|                 |                      | Colours  | White / Red               |
|                 | Shielding            | Spiral   | BC 32 x 0.12 mm (Ø) (OFC) |
| Outer jacket    | Material             |          | Flexible PVC 3.5 mm (Ø)   |
|                 | Colours              |          | Black                     |
|                 |                      |          | White                     |
|                 |                      |          | Grey                      |
| Type of cable   |                      |          | 26 AWG Microphone cable   |
| Inner conductor | Material             |          | BC 7 x 0.15 mm (Ø) (OFC)  |
|                 | Section              |          | 0.00019 "2                |
|                 | Number of conductors |          | 2                         |
|                 |                      |          | 2                         |

## Mechanical Characteristics:

|                   |                     |                       |
|-------------------|---------------------|-----------------------|
| Temperature range | Fixed installation  | - 40 °C till + 80 °C  |
|                   | Mobile installation | - 258 °C till + 70 °C |
| Bending radius    | Fixed installation  | 6 x outer diameter    |
|                   | Mobile installation | 8 x outer diameter    |

## Electrical Characteristics:

|                          |             |                   |
|--------------------------|-------------|-------------------|
| Capacitance              | Cond/Shield | 59 pF / m @ 1 MHz |
|                          | Cond/Cond   | 90 pF / m @ 1 MHz |
| Characteristic impedance |             | 95 Ω ± 1 Ω        |

## Cross sections:



## Variants:

- MC105G/1 - 100 meter, grey
- MC105W/1 - 100 meter, white
- MC105B/1 - 100 meter, black