# MC405

## Balanced microphone cable - flex 2 x 0.23 mm²- 24 AWG

### Highlights:

- Flexible PVC jacket
- 24 AWG stranded conductors
- Double shielding (Al-foil + Braiding)

### Product information:

The MC405 is a high quality microphone cable for fixed indoor and outdoor applications. The cable has a straight and rugged jacket made of PVC with an ease of handling when installing. Two insulated and twisted conductors of 0.23 mm² with Aluminum foil and braided shield 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 MC405 is a quality microphone cable with an O.D diameter of 6 mm and is suited for all kinds of fixed applications where reliable signal transmission and little loss of signal is needed.



### Inner Conductors:




### Shielding:







### Product Features:

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



We reserve the right to change specifications without notice, this is part of our policy to continually improve our products.

## Physical Characteristics:

| | | | |
|---|---|---|---|
| Inner conductor | Insulation | Material | LDPE 1.4 mm (Ø) |
| | | Colours | White / Red |
| Overall shielding | Aluminium foil | | Al-mylar, 100% coverage - 25% Overlap |
| | Braiding | | TC 64 x 0.12 mm (Ø) (OFC) |
| Outer jacket | Material | | Flexible PVC 6 mm (Ø) |
| | Colours | | Black |
| Type of cable | | | 24 AWG Microphone cable |
| Inner conductor | Material | | TC 20 x 0.12 mm (Ø) (OFC) |
| | Section | | 0.22 mm² |
| Filling | | | Cotton Yarn |
| Separator | | | None |
| Inner conductor | Number of conductors | | 2 |

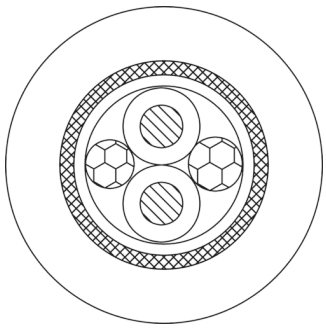
## Mechanical Characteristics:

| | | |
|---|---|---|
| Temperature range | Fixed installation | - 40 °C till + 80 °C |
| | Mobile installation | - 25 °C till + 70 °C |
| Bending radius | Fixed installation | 8 x outer diameter |
| | Mobile installation | 10 x outer diameter |

## Electrical Characteristics:

| | | |
|---|---|---|
| Inductance | Cond/Shield | 223 nH / m |
| | Cond/Cond | 345 nH / m |
| Capacitance | Cond/Shield | 160 pF / m @ 1 MHz |
| | Cond/Cond | 158 pF / m @ 1 MHz |
| Lead resistance | | 8.2 Ω / 100 m |
| Characteristic impedance | | 95 Ω ± 5 Ω |

## Cross sections:



## Variants:

- MC405/1 - 100 meter
- MC405/5 - 500 meter



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