

### 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 mm<sup>2</sup> 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	null
Series	null

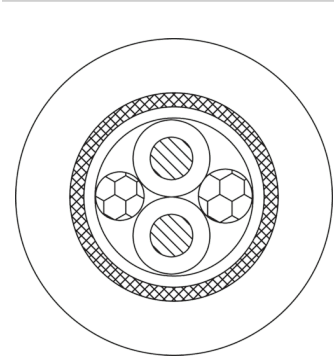
Physical Characteristics:

Inner conductor	Insulation	Material	LDPE 1.4 mm (Ø)
		Colours	White / Red
Overall shielding	Aluminium foil	null	
		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	0.00034 "²
Filling	Cotton Yarn		
Separator	None		
Inner conductor	Number of conductors	2	

Mechanical Characteristics:

Temperature range	Fixed installation	- 104 °F till + 176 °F
	Mobile installation	- 77 °F till + 158 °F
Bending radius	Fixed installation	8 x outer diameter
	Mobile installation	10 x outer diameter

Cross sections:



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	

Variants:

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