

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.



Highlights

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

Inner Conductors



Shielding



Usage

MOBILE

STAGE

RACK

INSTALL

Physical Characteristics

Type of cable	24 AWG Microphone cable		
Inner conductor	Material	TC 20 x 0.12 mm (Ø) (OFC)	
	Section	0.22 mm ²	
	Insulation	Material	LDPE 1.4 mm (Ø)
	Number of conductors		2
Filling	Cotton Yarn		
Separator	None		
Inner conductor	Insulation	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	

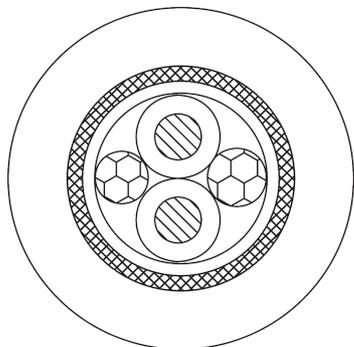
Mechanical Characteristics

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

Electrical Characteristics

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

Cross sections



Variants

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