



MC405

Microphone Cable




The MC405 is a high quality microphone cable for both fixed indoor and outdoor applications. The cable has a straight and rugged jacket made of flexible PVC which makes installation and handling very easy.

The wire is composed of two insulated and twisted conductors of 0.23 mm² each. Aluminum foil and a tinned copper braiding are also provided inside the harness.

It's durable shielding provides an excellent protection against all kinds of interferences. The MC405 is a quality microphone cable with an outer diameter of 6 mm and is suited for all kinds of fixed applications where reliable signal transmission and little loss of signal is requested.

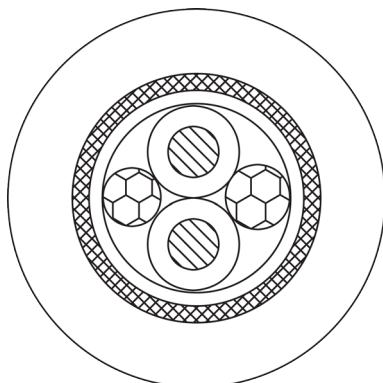
For the Halogen Free Microphone cable with the same specs, look for the MC405HF product.



Construction Specifications	
Type of cable	Balanced Microphone Cable
Inner conductor	 20 x 0.12 mm
Inner conductor section	0.23mm ²
Insulation Colour	Red/White
Insulation Type	LDPE Ø 1.4mm ²
Number of Conductors	2
Overall Shield	Shield 1:  ALUMINUM FOIL Shield 2:  TINNED COPPER BRAIDING 64 x 0.12mm
Filling	Cotton Yarn
Separator	None
Outer Jacket	Flexible PVC
Outer Jacket Colour	Black
Outer Jacket Dimensions	Ø 6 mm ± 0.1mm
American Wire Gauge	24 AWG

Available Lengths	
Lengths	Ordering information
100m plastic reel	MC405/1 for 100m
500m plastic reel	MC405/5 for 500m

Cross Section



Electrical Specifications	
Capacitance Cond/Shield @1MHz	160pF/m
Capacitance Cond/Cond @1MHz	158pF/m
Inductance Cond/Shield @1MHz	223nH/m
Inductance Cond/Cond @1MHz	345nH/m
Characteristic Impedance	95 Ohm ± 5%
Conductor Resistance / 100m	8.2 Ohm ± 10%
Shield Resistance	

Mechanical Specifications		
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

Typical Applications	
Microphone balanced signal	
In- and outdoor	
Fixed installation	
Rack cabling	

Features & Benefits	
Flexible outer jacket	
Contains excellent shielding	
An outer diameter of only 6mm	

Procab Basic Series	
BASIC SERIES	Procab Basic series consist of a complete line containing all standard cables. Thanks to its simplicity, the Basic series have become very popular for all types of users.