

# MC305

## Balanced Microphone Cable

**PROCAB**  
**BASIC**  
**SERIES**



The MC305 is a high quality microphone cable for indoor and outdoor use. The cable has a highly flexible jacket made of PVC and is easy to handle. Two insulated and twisted conductors of 0.23mm<sup>2</sup> are provided inside the cable. The durable shielding gives an excellent protection against interference of all kinds, such as electromagnetic fields caused by dimmers, motors or power cables. The MC305 is an "all-round" microphone cable with an O.D of 6 mm and is suited for all kinds of applications where reliable signal transmission is needed.

The MC305 is available in 5 different colours, black, white, red, green and blue for easy tracking and recognition.



### Construction Specifications

Type of cable	Balanced Microphone Cable
Inner conductor	 20 / 0.12 mm OFC
Inner conductor section	0.23 mm <sup>2</sup>
Insulation	LDPE Ø 1.4 mm
Insulation Colour	Red / White
Number of Conductors	2
Conductor twisting	Yes
Shielding	 64 / 0.12 mm
Filling	Cotton Yarn
Separator	None
Outer Jacket	Flexible PVC
Outer Jacket Colour	Black / White / Green / Blue / Red
Outer Jacket Dimensions	Ø 6 mm ± 0.1 mm
American Wire Gauge	24 AWG

### Electrical Specifications

Capacitance Cond/Shield @1MHz	81.5pF / m
Capacitance Cond/Cond @1MHz	42pF / m
Characteristic Impedance	95Ω
Conductor Resistance / 100 m	13.4Ω
Shield Resistance / 100 m	13.4Ω

### Mechanical Specifications

Temperature range	fixed installation	-40° C till +80° C
	flexible installation	-25° C till +70° C
Bending radius	fixed installation	6 x outer diameter
	flexible installation	8 x outer diameter

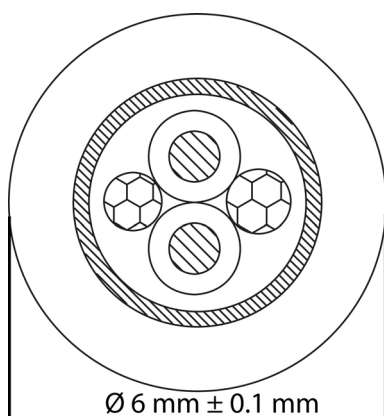
### Available Lengths

Order Number	Details
MC305/1	100 m, Black , Plastic reel
MC305/5	500 m, Black , Plastic reel
MC305W/1	100 m, White , Plastic reel
MC105R/1	100 m, Red , Plastic reel
MC105G/1	100 m, Green , Plastic reel
MC105B/1	100 m, Blue , Plastic reel

### Features & Benefits

Flexible PVC jacket
Cotton yarn filler helps the cable keep it's structure
Comes in different colors to keep better track of your cables
Spiral shield keeps the cable flexible while minimizing interference

### Cross Section



### Procab Basic Series

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**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.