



# MC105

## Balanced Microphone Cable

The MC105 microphone cable is a very compact cable for indoor and outdoor applications. The cable consists of a flexible PVC jacket and has an O.D. of 3.5 mm. Two insulated and twisted conductors 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 MC105, which is available in black, grey or white, can be used in fixed installations or for internal wiring of audiorack systems where compact cabling is needed.



Construction Specifications	
Type of cable	Balanced Microphone Cable
Inner conductor	 BARE COPPER 7 / 0.15 mm OFC
Inner conductor section	0.123 mm <sup>2</sup>
Insulation	LDPE Ø 1 mm
Insulation Colour	Red / White
Number of Conductors	2
Conductor twisting	Yes
Shielding	 BARE COPPER SPIRAL 32 / 0.12 mm
Filling	None
Separator	None
Outer Jacket	Flexible PVC
Outer Jacket Colour	Black / White / Grey
Outer Jacket Dimensions	Ø 3.5 mm ± 0.1 mm
American Wire Gauge	26 AWG

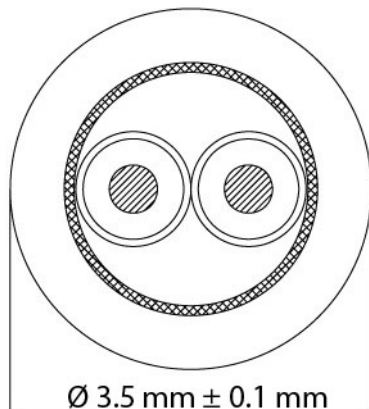
Electrical Specifications	
Capacitance Cond/Shield @1MHz	59pF / m
Capacitance Cond/Cond @1MHz	90pF / m
Characteristic Impedance	95Ω
Conductor Resistance / 100 m	≤ 13.4Ω
Shield Resistance / 100 m	≤ 13.4Ω

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 Versions	
Order Number	Details
MC105G/1	100 m, Grey , Plastic reel
MC105B/1	100 m, Black, Plastic reel
MC105W/1	100 m, White, Plastic reel

Features & Benefits	
Flexible PVC jacket	
Comes in different colors to keep better track of your cables	
Ideal for rack cabling	
Spiral shield keeps the cable flexible while minimizing interference	

### Cross Section



### 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.