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.



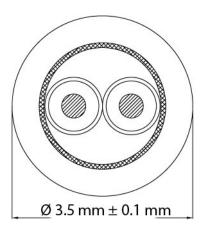
Construction Specifications		
Type of cable	Balanced Microphone Cable	
Inner conductor	BARE 7 / 0.15 mm OFC	
Inner conductor section	0.123 mm ²	
Insulation	LDPE Ø 1 mm	
Insulation Colour	Red / White	
Number of Conductors	2	
Conductor twisting	Yes	
Shielding	SFIRAL 32 / 0.12 mm	
Filling	None	
Separator	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	

Cross Section



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



Procab 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.