



PMC224

UltraFlex Balanced Microphone Cable

The PMC224 is a high-quality microphone cable with an ultra flexible outer jacket. Two 24 AWG (0.22 mm²) conductors consisting of 28 copper strands with 0.10 mm thickness are surrounded by a 80-strand copper spiral shielding with superior coverage. In combination with the thick and soft PVC outer jacket, this provides a flexible but solid feel while making it able to withstand an extreme amount of bending cycles.

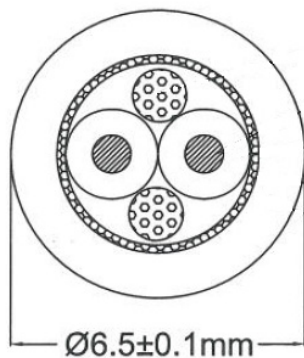
An optimal signal transmission is guaranteed due to the low capacitance and use of high-purity copper, while the high-coverage shielding provides a great immunity against interference. These features make the PMC224 perfect for use in professional stage & studio applications.



Construction Specifications	
Type of cable	Balanced Microphone Cable
Inner conductor	 BARE COPPER 28 / 0.10 mm OFC
Inner conductor section	0.22mm ²
Insulation	FPE Ø 1.4 mm
Insulation Colour	Red/Blue
Number of Conductors	2
Conductor Twisting	Yes
Shielding	 BARE COPPER SPIRAL 80 / 0.10 mm
Filling	Cotton Yarn
Separator	None
Outer Jacket	Ultra Flexible PVC
Outer Jacket Colour	Black
Outer Jacket Dimensions	Ø 6.5 mm ± 0.1 mm
American Wire Gauge	24 AWG

Available Lengths	
Order Number	Details
PMC224/1	100 m, Black, Plastic reel
PMC224/3	300 m, Black, Plastic reel

Cross Section



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	4 x outer diameter
	flexible installation	6 x outer diameter

Features & Benefits	
Ultra Flexible outer jacket	
Thin & dense conductor stranding	
Low capacitance	
Good spiral copper shielding	
Robust due to thick & soft PVC jacket	
Easy winding due to extreme flexibility	
Ideal for studio, stage and mobile applications	
Can withstand an extreme amount of bending cycles	

PRIME SERIES ★★★★★

Prime series cables are designed with two main criteria in mind. One is the highest technical specifications that they live up to and the second is the mobile use they are designed for, offering extreme flexibility and durability.