

# PMC224

Balanced microphone cable - flex 2 x 0.22 mm<sup>2</sup> - 24 AWG - UltraFlex™

## Highlights:

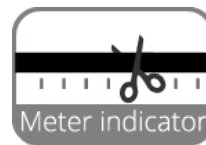
- Ultraflex™ Ultra flexible jacket
- 24 AWG thin and dense stranded conductors
- 0.26 " (Ø) outer diameter

## Product information:

The PMC224 is a high-quality microphone cable with an ultra flexible outer jacket. Two 24 AWG (0.22 mm<sup>2</sup>) 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.



## Properties:



## Inner Conductors:



## Shielding:



## Product Features:

Application	null
Series	null

## Physical Characteristics:

Inner conductor	Insulation	Material	FPE 1.4 mm (Ø)
		Colours	Red / Blue
	Shielding	Spiral	BC 80 x 0.10 mm (Ø) (OFC)
Outer jacket	Material		UltraFlex PVC 6.5 mm (Ø)
	Colours		Black
Type of cable			24 AWG Microphone cable
Inner conductor	Material		BC 28 x 0.1 mm (Ø) (OFC)
	Section		0.00034 "²
	Number of conductors		2
	Conductor twisting		Yes

## Mechanical Characteristics:

Temperature range	Fixed installation	- 104 °F till + 176 °F
	Mobile installation	- 77 °F till + 158 °F
Bending radius	Fixed installation	4 x outer diameter
	Mobile installation	6 x outer diameter

## Electrical Characteristics:

Capacitance	Cond/Shield	81.5 pF / m @ 1 MHz
	Cond/Cond	42 pF / m @ 1 MHz
Lead resistance	Shielding	13.4 Ω / 100 m
Characteristic impedance		95 Ω ± 3 Ω

## Cross sections:

