Highlights:

- Ultraflex ${ }^{T M}$ Ultra flexible jacket
- 24 AWG thin and dense stranded conductors
- 0.26 " ( $\varnothing$ ) outer diameter


## Product information:

The PMC224 is a high-quality microphone cable with an ultra flexible outer jacket. Two 24 AWG ( $0.22 \mathrm{~mm}^{2}$ ) 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 ( $\varnothing$ ) |
| :---: | :---: | :---: | :---: |
|  |  | Colours | Red / Blue |
|  | Shielding | Spiral | BC $80 \times 0.10 \mathrm{~mm}(\varnothing)(\mathrm{OFC})$ |
| Outer jacket | Material |  | UltraFlex PVC 6.5 mm (Ø) |
|  | Colours |  | Black |
| Type of cable |  |  | 24 AWG Microphone cable |
| Inner conductor | Material |  | BC $28 \times 0.1 \mathrm{~mm}(\varnothing)(\mathrm{OFC})$ |
|  | Section |  | $0.00034{ }^{\prime \prime}$ |
|  | Number of conductors |  | 2 |
|  | Conductor twisting |  | Yes |

## Mechanical Characteristics:

| Temperature range | Fixed installation | $-104^{\circ} \mathrm{F}$ till $+176^{\circ} \mathrm{F}$ |
| :--- | :--- | :--- |
|  | Mobile installation | $-77^{\circ} \mathrm{F}$ till $+158^{\circ} \mathrm{F}$ |
| Bending radius | Fixed installation | $4 \times$ outer diameter |
|  | Mobile installation | $6 \times$ outer diameter |

## Electrical Characteristics:

| Capacitance | Cond/Shield | $81.5 \mathrm{pF} / \mathrm{m}$ @ 1 MHz |
| :--- | :--- | :--- |
|  | Cond/Cond | $42 \mathrm{pF} / \mathrm{m} @ 1 \mathrm{MHz}$ |
| Lead resistance | Shielding | $13.4 \Omega / 100 \mathrm{~m}$ |
| Characteristic impedance | $95 \Omega \pm 3 \Omega$ |  |

## Cross sections:

