

Highlights:

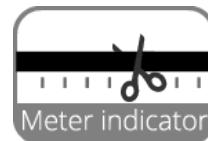
- Double shielding (Al-foil + Braiding)
- Flamoflex™ IEC 60332-1 installation jacket
- Stranded conductors

Product information:

The CMC224 is a high quality microphone cables featuring a Flamoflex™ outer jacket compliant to the IEC 60332-1 standard regarding fire and flammability resistance in public installations. The Flamoflex™ material is specifically designed with installers convenience in mind, offering a smooth and durable outer jacket for easy installation and pulling. This cable features a 24 AWG twisted pair with shielding. The CMC224 consists of stranded conductors with braided shielding and drain wire, which offers a higher flexibility. This cable features a highly effective shielding with excellent immunity against noise and interference caused by external devices. The tinned copper conductor material significantly improves the corrosion and oxidation resistance of the cable, allowing it to be used indoors as well as in outside, in humid or marine environments.



Properties:



Inner Conductors:



Shielding:



Product Features:

Series

null

Physical Characteristics:

| | | | |
|-------------------|-------------------------|----------|---------------------------|
| Type of cable | 24 AWG Microphone cable | | |
| Inner conductor | Material | | TC 20 x 0.12 mm (Ø) (OFC) |
| | Section | | 0.00034 ^{“2} |
| | Number of conductors | | 2 |
| | Insulation | Material | PE 1 mm (Ø) |
| Separator | | | None |
| Filling | | | None |
| Inner conductor | Insulation | Colours | White / Red |
| Overall shielding | Aluminium foil | | null |
| | Drain wire | | TC 20 x 0.12 mm (Ø) (OFC) |
| Outer jacket | Material | | NHFR 3.8 mm (Ø) |
| | Colours | | Black |
| Inner conductor | Conductor twisting | | Yes |

Standards & regulations:

| | |
|------------------------|-----------------------------------|
| RoHS2 compliant | According EU Directive 2011/65/EU |
| Reach compliant | According EC 1907/2006 |
| Flammability test | According IEC 60332-1 |
| Indoor / outdoor | UV resistant (UL1581, UVA, 720 h) |
| Circuit integrity | n/a |
| Smoke emissions | According IEC 61034 |
| Zero halogen compounds | According EN 50267-2-1 |
| | IEC 60754 |

Electrical Characteristics:

| | | |
|---------------------|---------------|--------------------|
| Max. conductor | DC resistance | 94.2 (Ω / Km) |
| Dielectric strength | | 2 (KV / 1 min. DC) |
| Rated voltage | | 300 V |

Mechanical Characteristics:

| | | |
|-------------------|---------------------|-----------------------|
| Temperature range | Fixed installation | - 68 °F till + 176 °F |
| | Mobile installation | - 59 °F till + 140 °F |
| Bending radius | Fixed installation | 8 x outer diameter |
| | Mobile installation | 10 x outer diameter |

Cross sections:

