

# MCR112 Balanced signal cable - 12 pairs x 0.22 mm² - 24 AWG

#### Highlights:

- · 24 AWG stranded conductors
- · Durable & strong jacket
- · Individual foil shielding with drain wire
- · Color coded pair identification

#### Product information:

The MCR audio multipair cable is a very strong and rugged type of cable, suitable for indoor and outdoor applications. Each audio pair consists of two insulated and twisted conductors of 0.22 mm² and a stranded drain wire of 0.22 mm² to prevent any influence of hum, noise or electromagnetic fields from external equipment. Each balanced audio pair has an Aluminium foil separator. All audio pairs are also fitted with a general paper foil packing and a strong Black PVC jacket. The PROCAB MCR multipair cable is suited for all kinds of applications such as stagebox connections, live concerts, mobile installations,...



#### Inner Conductors:



#### Shielding:



DRAIN WIRE

#### **Product Features:**

| Application | AV & IT            |
|-------------|--------------------|
|             | Rental & MI        |
| Series      | Bulk & Accessories |

# Physical Characteristics:

| Inner conductor | Insulation           | Material       | HDPE 0.047 " (Ø)                      |
|-----------------|----------------------|----------------|---------------------------------------|
|                 | Shielding            | Aluminium foil | Al-mylar, 100% coverage - 25% Overlap |
|                 |                      | Drain wire     | TC 7 x 0.20 mm (Ø) (OFC)              |
| Outer jacket    | Material             |                | Durable PVC 13 mm (Ø)                 |
|                 | Colours              |                | Black                                 |
| Type of cable   |                      |                | 24 AWG Stereo signal cable            |
| Inner conductor | Material             |                | TC 7 x 0.2 mm (Ø) (OFC)               |
|                 | Section              |                | 0.00034 "2                            |
| Filling         |                      |                | Cotton Yarn                           |
| Separator       |                      |                | Al-Mylar                              |
|                 |                      |                | Cotton paper                          |
| Inner conductor | Number of conductors |                | 2 (12 pairs)                          |
|                 |                      |                | 12 x 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  | 8 x outer diameter     |
|                   | Mobile installation | 10 x outer diameter    |

## **Electrical Characteristics:**

| Capacitance     | Cond/Cond   | 25 pF/m @ 1 kHz      |
|-----------------|-------------|----------------------|
|                 | Cond/Shield | 74 pF / m @ 1 kHz    |
| Lead resistance |             | 13.7 Ω / 100 m       |
| Cable Crosstalk |             | Min. 73.3 dB / 100 m |

### Cross sections:

