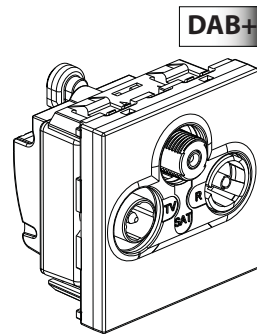


**Mosaic™**  
**TV/R/SAT sockets**

Cat. Nos : 0 787 86 - 0 791 86 - 0 792 96 - 0 789 79 L



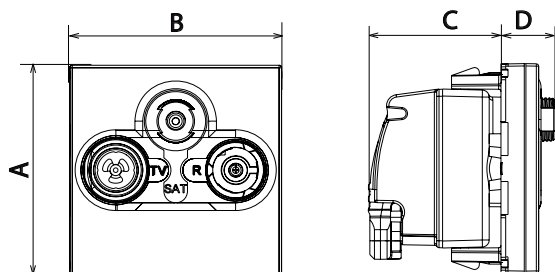
**1. USE**

TV/R/SAT: For receiving TV, radio and satellite signals  
 UHD (ultra high definition) compatible and radio DAB+ (Digital Audio Broadcasting)  
 Class A shielding - Star wiring  
 Low attenuation < 1.5 dB  
 Recommended cable 17/19 VATC  
 Single cable entry

**2. RANGE**

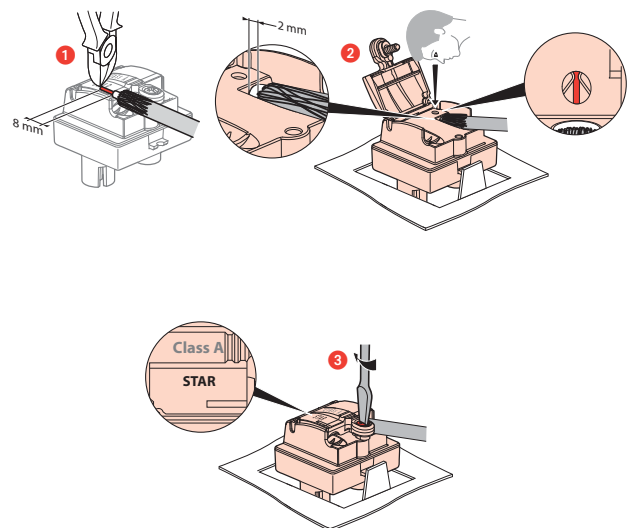
| Cat. Nos  | Item                       | No. of modules |
|-----------|----------------------------|----------------|
| 0 787 86  | TV/R/SAT socket white      | 2              |
| 0 791 86  | TV/R/SAT socket anthracite | 2              |
| 0 792 96  | TV/R/SAT socket aluminium  | 2              |
| 0 791 86L | TV/R/SAT socket mat black  | 2              |

**3. DIMENSIONS (mm)**

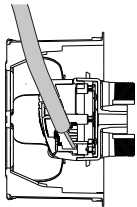
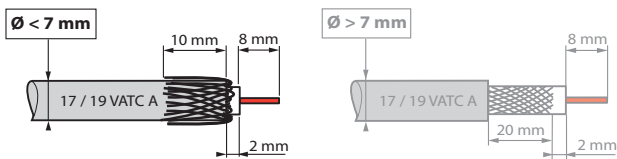


| Cat. Nos                                   | A  | B  | C    | D    |
|--|----|----|------|------|
| 0 787 86 - 0 791 86 - 0 792 96 - 0 791 86L | 45 | 45 | 28,1 | 11,5 |

**4. CONNECTION**



## 5. WIRING PRECAUTIONS



Connection from the rear of the socket reduces deformation of the coaxial cable, thus avoiding the risk of impedance loss and impaired performance.

## 6. TECHNICAL CHARACTERISTICS

### ■6.1 Mechanical characteristics

Protection against solid bodies and liquids: IP 21  
Protection against impact: IK 04  
Cable strength 120 N: IEC 61169-24

### ■6.2 Material characteristics

**Material:** - Cover plate: ABS  
- Zero halogen  
- UV resistant

**Motor:** - Casing: Zamac  
- Cover: Zamac  
- Pin: Bronze  
- Screws: Zinc-plated steel

### ■6.3 Electrical characteristics

- Male connector  $\varnothing$  9.52 mm (TV)  
- Female connector (radio)  
- Female F screw-type connector (SAT)  
- Characteristic impedance: 75 ohm

Class A shielding efficiency (class A shielding is necessary to prevent interference from 3G and 4G phone signals, as these undesirable signals can cause pixellation of on-screen images or distort soundtracks)

- Frequency bands: TV: 5-68/320-862 MHz  
R: 87.5-108 MHz  
SAT: 950-2400 MHz

- UHD : Passage of the signals of improvement:  
WCG : Wide Color Gamut  
HDR : High Dynamic Range  
HFR : High Frame Rate

- DAB+ : AAC+ codec passage defined in MPEG-4 part3

- Insulation resistance: IEC 61169-24

### ■6.4 Climate characteristics

Storage and operating temperature: -5 °C to +35 °C

## 7. CLEANING

Clean the surface with a cloth.  
Do not use acetone, tar-removing cleaning agents or trichloroethylene.  
Resistant to the following products: hexane (EN 60669-1), methylated spirit, soapy water, diluted ammonia, bleach diluted to 10%, window-cleaning products, pre-impregnated wipes.

**Caution:** Always test before using special cleaning products.

## 8. STANDARDS AND APPROVALS

- EN 50083-2
- Class A certificate



9. PERFORMANCE

