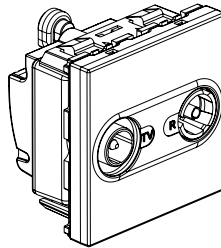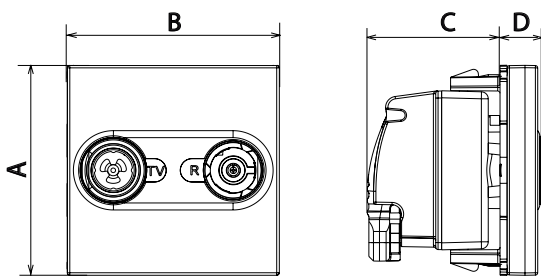**Mosaic™**
TV/R sockets

Cat. Nos : 0 787 83

1. USE

For receiving TV and radio signals on the 5-862 MHz terrestrial frequency band only
Used for installation maintenance
Class A shielding - Star wiring
Recommended cable 17/19 VATC
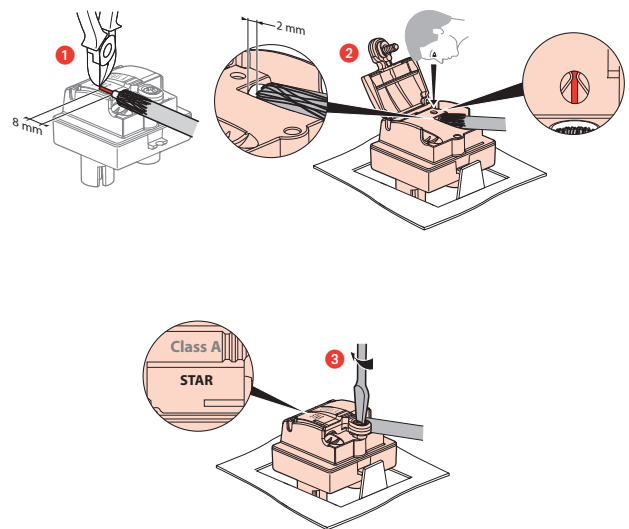Single cable entry

2. RANGE

Cat. No.	Item	No. of modules
0 787 83	TV/R socket	2

3. DIMENSIONS (mm)

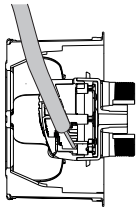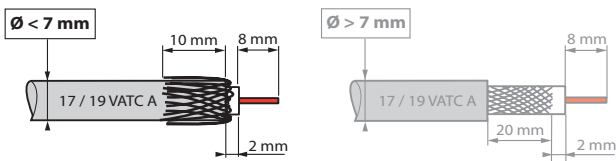| Cat. Nos	A	B	C	D
0 787 83	45	45	28,1	8,5

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 Ø 9.52 mm (TV)
- Female connector (radio)

- 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: 5-68/120-862 MHz
                      R: 87.5-108 MHz

- 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.
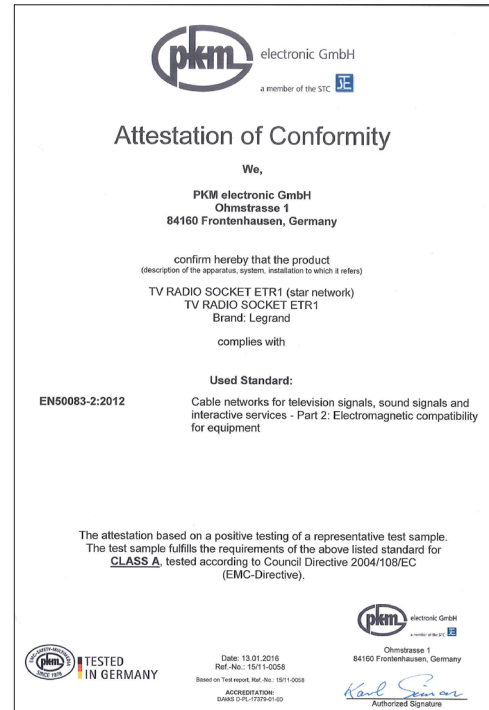
Resistant to the following products: hexane (EN 60669-1), methylated spirit, soapy water, diluted ammonia, bleach diluted to 10%, window-cleaning products, pre-impregnated wipes.

Caution: Always test before using special cleaning products.

8. STANDARDS AND APPROVALS

- EN 50083-2
- Class A certificate

9. PERFORMANCE