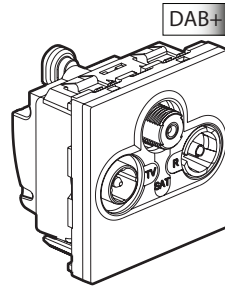


Mosaic™
TV/R/SAT sockets

Cat. No(s): 0 787 86 - 0 791 86L - 0 792 96



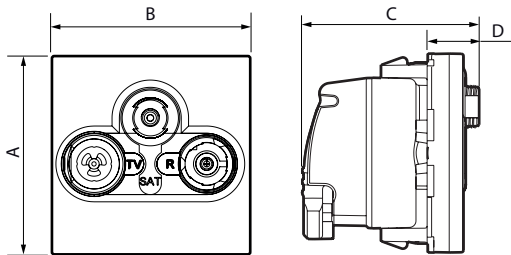
1. USE

TV/R/SAT: for receiving TV, radio and satellite signals.
 UHD (ultra high definition) compatible and radio DAB+ (Digital Audio Broadcasting).
 Class A shielded star sockets LTE Ready (4G protected).
 Recommended coaxial cable 17/19 VATC.
 Single cable entry.
 Can be flush mounted in a box min. 40 mm deep.
 To be equipped with plate.

2. RANGE

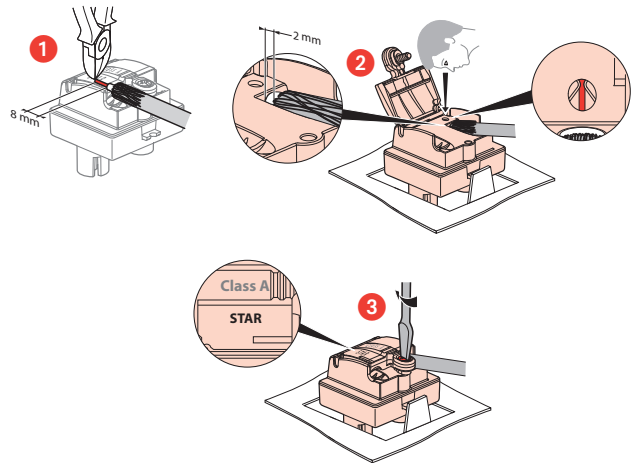
Description	White	Alu	Matt Black
TV/R/SAT socket - FM radio + DAB+ 2 modules	0 787 86	0 792 96	0 791 86L

3. DIMENSIONS (mm)

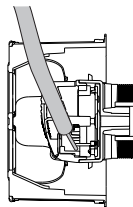
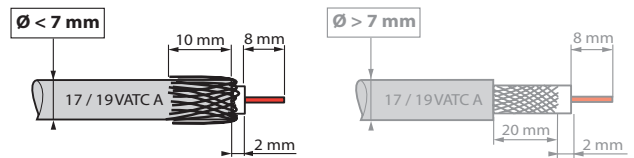


A	B	C	D
45	45	39.5	11.5

4. CONNECTION



5. WIRING PRECAUTIONS



By restricting deformation of the coaxial cable, the rear connection avoids impedance discontinuity, thereby sustaining performance.

6. TECHNICAL CHARACTERISTICS

■ 6.1 Mechanical characteristics

Protection against impacts: IK 04
Protection against solid/bodies and liquids: IP 21
Cable resistance: 120 N

■ 6.2 Material characteristics

Cover plate: ABS
White RAL 9003
Painted Aluminium varnished gliettery
Painted Mat Black RAL 9017 satin

Halogen-free
UV-resistant

Motor:

Casing: Zamac
Cover: Zamac
Pin: Bronze
Screws: Steel

Self-extinguishing:

850°C/30 s for insulating components holding live parts in place.
650°C/30 s for other insulating components.

■ 6.3 Electrical characteristics

Male connector Ø 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 caused by using new 3 and 4 G phone signals, as these unwanted signals can result in pixellation on screen or adversely affect the sound track).

Frequency bands: TV: 5-68 / 320-862 MHz
R: 87.5-240 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

Attenuation: < 1.5 dB maximum

■ 6.4 Climate characteristics

Storage temperature: -10°C to +70°C
Usage temperature: -5°C to +35°C

7. CLEANING



Surface cleaning with a cloth.
Do not use acetone, tar remover, trichloroethylene.

Resistant to the following products: Hexane (NF C 61-314), 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 certified

<h3>Attestation of Conformity</h3>	
We,	
PKM electronic GmbH	
confirm hereby that the product <small>(description of the apparatus, system, installation to which it refers)</small>	
TV DAB Satellite socket (star network) ETDS1 Brand: LEGRAND	
complies with	
Used Standard(s):	
EN50083-2:2012+A1:2015	Cable networks for television signals, sound signals and interactive services - Part 2: Electromagnetic compatibility for equipment
<small>The attestation based on a positive testing of a representative test sample. The test sample fulfills the requirements of the above listed standard(s).</small>	
 TESTED IN GERMANY	Date: 24.08.2015 Ref.-No.: 18109-0042 Based on Test report, Ref. No.: 18109-0042 ACCREDITATION: DAMS D-PL-173/9-01-00
	PKM electronic GmbH  Authorized Signature

9. PERFORMANCE

