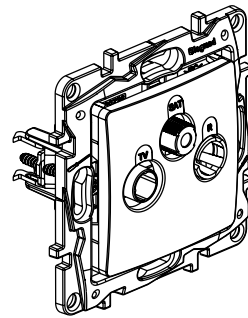
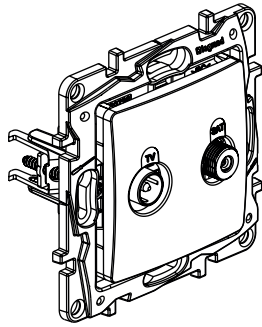


**Niloe™**  
**TV/SAT - TV/R/SAT sockets**

Cat. Nos: 7 645 59/63 - 7 646 59/63 - 7 647 59/63



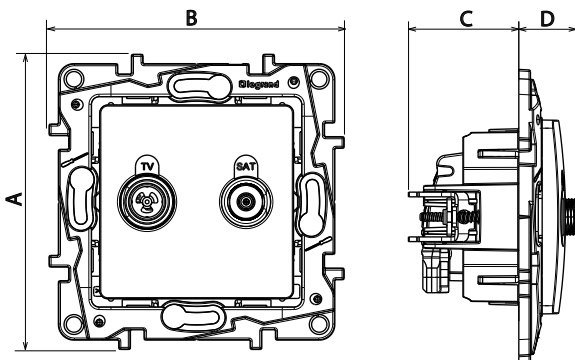
**1. USE**

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

**2. RANGE**

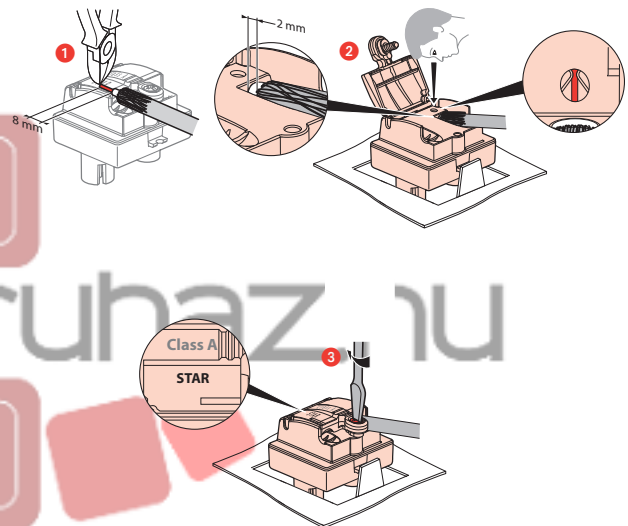
Item	Colour			No. of modules
	Ivoiry	White	Brown	
TV/R/SAT socket	7 646 63	7 645 63	7 647 63	2
TV/SAT socket	7 646 59	7 645 59	7 647 59	2

**3. DIMENSIONS (mm)**

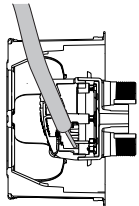
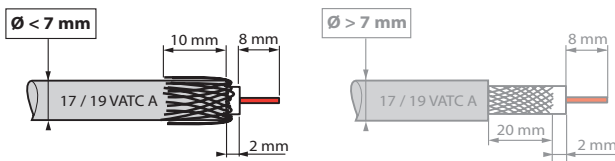


Item	A	B	C	D
7 645 63 - 7 646 63 - 7 647 63	75,8	75,8	28,3	14,8
7 645 59 - 7 646 59 - 7 647 59				

**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  $\varnothing 9.52 \text{ mm}$  (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: 5-68/120-862 MHz  
 R: 87.5-108 MHz  
 SAT: 950-2400 MHz

- Insulation resistance: IEC 61169-24

**6.4 Climate characteristics**

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

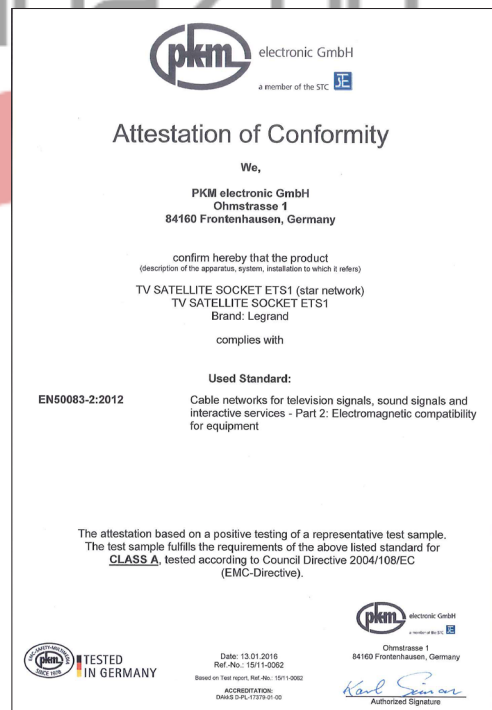
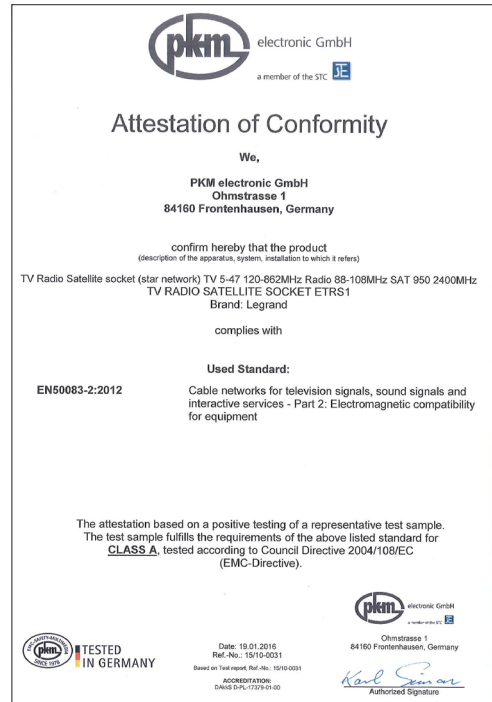
**7. CLEANING**

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**

