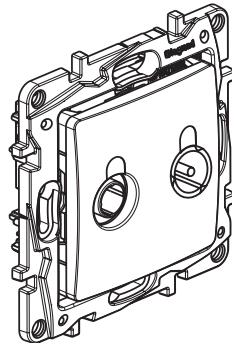


# Niloe™ TV/R passthrough and terminal sockets

Cat. Nos: 6 645 61/62 - 6 646 61/62



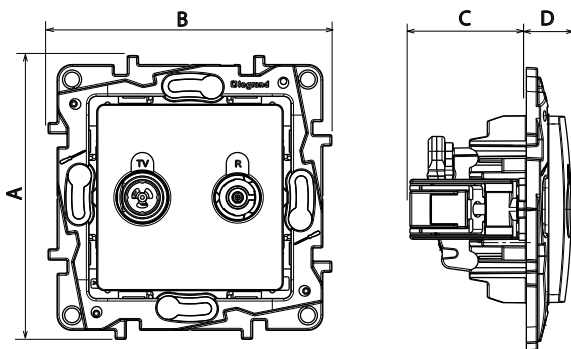
### 1. USE

For receiving TV and radio signals  
 Recommended cable 17/19 VATC  
 Class A shielding - Tap-off wiring  
 UHD compatible

### 2. RANGE

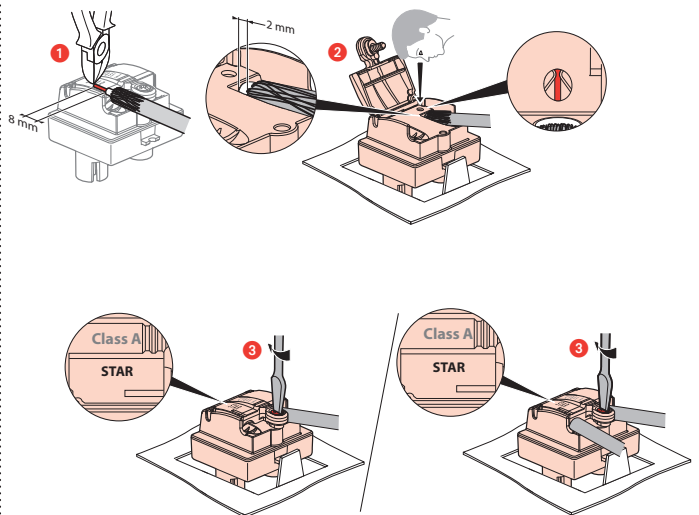
Item	Colour		No. of modules
	White	Ivory	
14 dB TV/R passthrough socket	6 645 61	6 646 61	2
10 dB TV/R terminal socket	6 645 62	6 646 62	2

### 3. DIMENSIONS (mm)

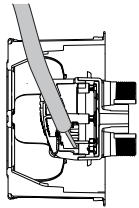
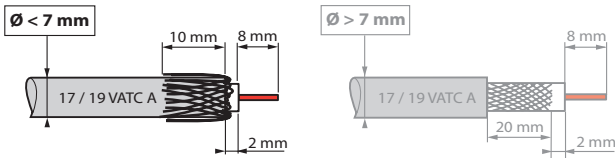


Cat. Nos	A	B	C	D
6 645 61/62 - 6 646 61/62	75.8	75.8	31	12

### 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)
- 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

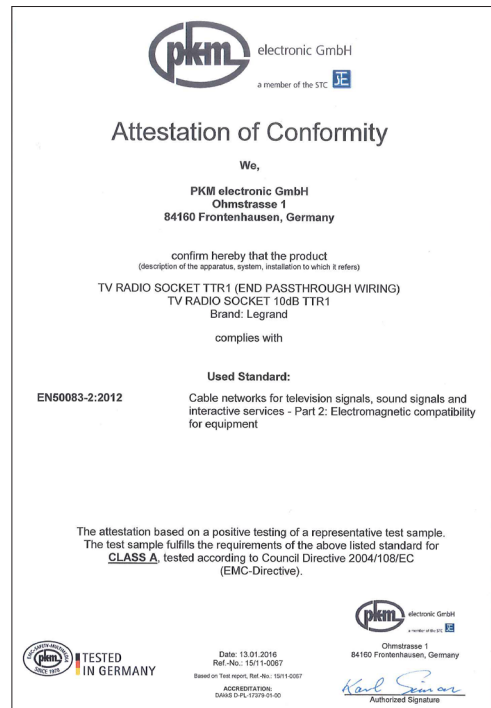
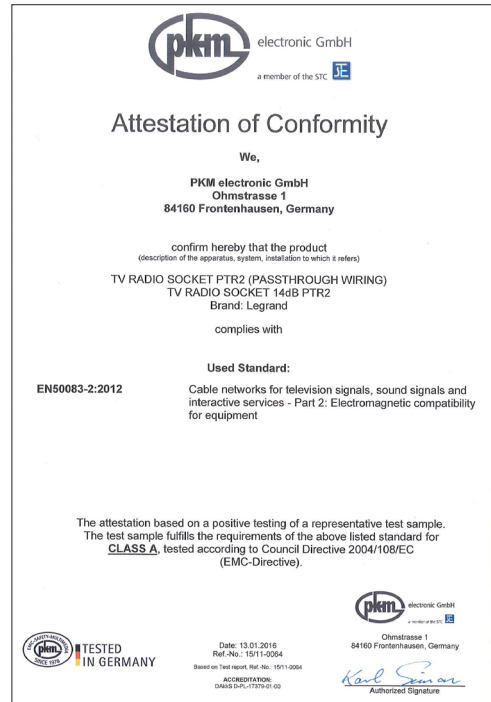
**7. CLEANING**

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.

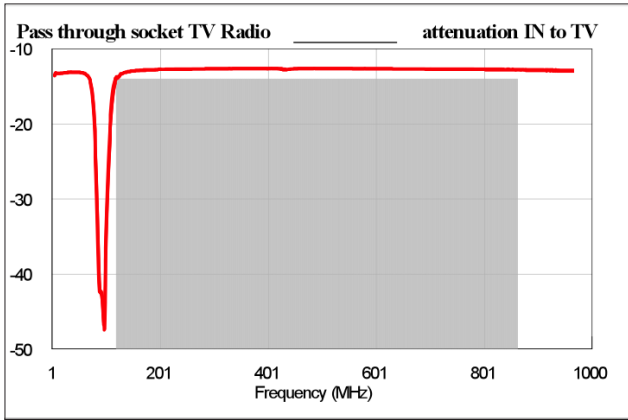
**Caution:** Always test before using special cleaning products.

**8. STANDARDS AND APPROVALS**

- EN 50083-2
- Class A certificate



**9. PERFORMANCE**



**9. PERFORMANCE**

