

# Niloé™

## television star sockets



7 645 59

7 645 63

7 645 66

Mechanisms supplied with cover plates and support frames

To be equipped with plates (p. 539)

Fixing with screws or claws (supplied)

For DVBT, Cablecast and satellite installation

UHD TV compatible

Class A shielded star sockets LTE Ready (4G protected)

Recommended coaxial cable: 17 VATC

Star cabling (1 socket = 1 cable to antenna, splitter or multiswitch)

Visual checking of the connection

Meet EN 50083-4 and EN 50083-2 European directive

Low attenuation: < 1 dB

TV: male connector (Ø9.5 mm)

R: female connector (Ø9.5 mm)

SAT: "F type" connector

TV: 5-68 / 120-862 MHz

R: 87.5-108 MHz

SAT: 950-2400 MHz

### Pack Cat.Nos Multiple TV star sockets

Pack	Cat.Nos	Multiple TV star sockets
10	7 645 59	<b>TV-SAT</b> Low attenuation: 1 dB ○ White ● Ivory
10	7 646 59	
10	7 645 63	<b>TV-R-SAT</b> Low attenuation: 1.5 dB ○ White ● Ivory
10	7 646 63	
10	7 645 66	<b>TV-R-SAT-SAT</b> Low attenuation: 1.5 dB In 1: TV-R-SAT 1 / In 2: SAT 2 ○ White ● Ivory
10	7 646 66	

### Single TV star sockets

Low attenuation: 1 dB		
10	7 645 51	<b>TV - 9.5 male</b> ○ White ● Ivory
10	7 646 51	
10	7 645 50	<b>TV - "F type"</b> ○ White ● Ivory
10	7 646 50	
<b>TV "F-F" feedthrough</b> Supplied with one F plug		
10	7 645 49	○ White ● Ivory
10	7 646 49	

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### High performance

Visualization of connection

Cable holding > 12 kg

Central connection to optimize cable bend radius

### Low attenuation (< 1 dB in DVBT and Satellite band)

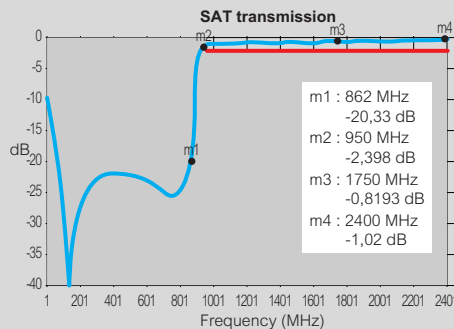
Above requirements of EN 50083-4 standard

Adapted to new UHD TV (Ultra High Definition)

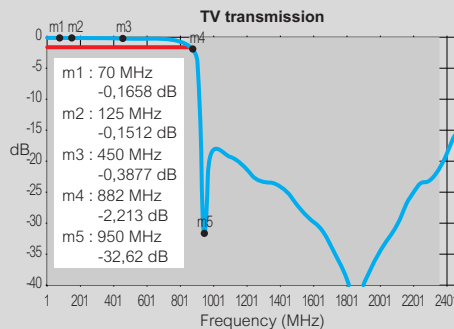
Reduce the needs for amplification

### Coupling attenuation

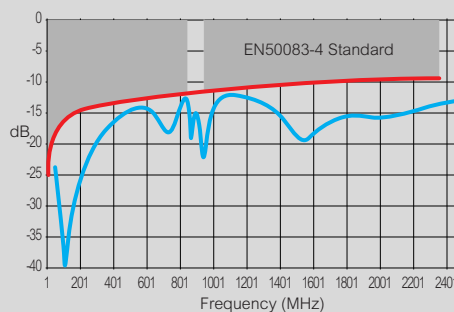
#### IN+SAT



#### IN+TV



### Return loss input



### Certification

Class A, LTE protected sockets

LTE protection is required to prevent interference of

new signals used by mobile phones (3G/4G/5G signals)

Unwanted signals could cause pixelation, picture break-up and sound disturbance

Legrand uses the PKM Laboratory to certify its TV

Class A sockets



Require the certificate of conformity for Class A shielded TV sockets

