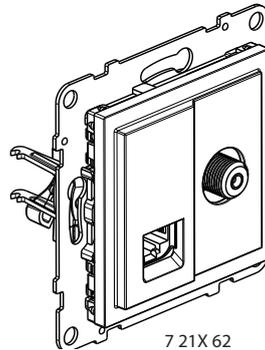


Suno™
TV F-TYPE + RJ45 CAT6 UTP

Cat. No(s): 7 211 62, 7 212 62
7 213 62, 7 214 62



7 21X 62

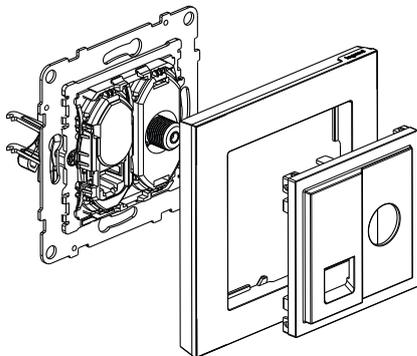
1. USE

SAT "F" type connector
 Recommended coaxial cable: 17/19 VATC A 75 Ohm
 Category 6 RJ45 socket.
 Allows high-speed transmissions (Gigabit Ethernet).
 Fixing with screw and/or claw.

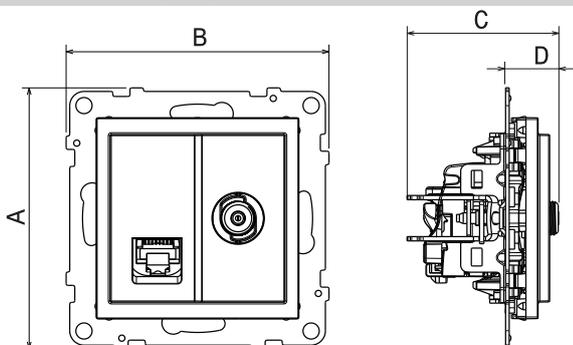
2. RANGE

Description	White	Ivory	Aluminum	Black
TV F-TYPE + RJ45 CAT6 UTP	7 211 62	7 212 62	7 213 62	7 214 62

3. DISMANTLING



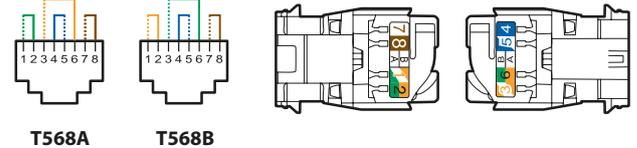
4. DIMENSIONS (mm)



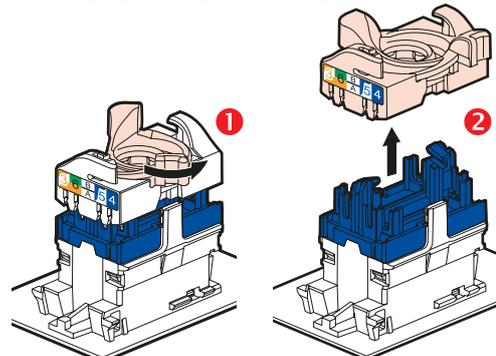
References	A	B	C	D
7 21X 62	72,9	72,9	42	14,7

5. CONNECTION

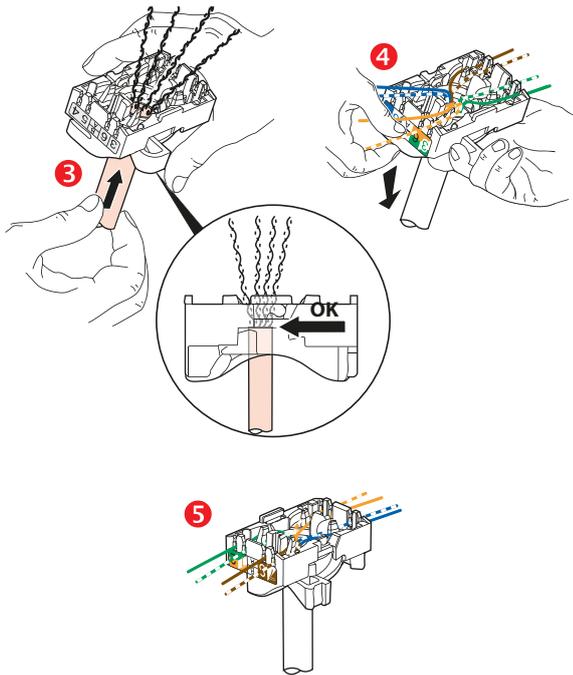
- 5.1 RJ 45
 Accepts the following cable connectors:
 RJ 11 (4 contacts), RJ 12 (6 contacts), RJ 45 (9 contacts).
 Double colour code T568A and T568B on terminals:
 UTP 8 contacts
 FTP 9 contacts
 STP 9 contacts 360° screen



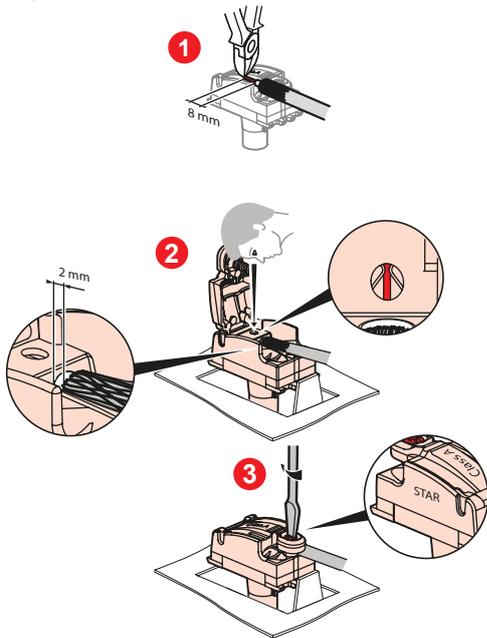
- Conductors supported:
- Single core/Multicore: 0.4 to 0.65 mm, AWG 26 to 22
 - Polyethylene conductor insulation: Ø on insulation 0.85 to 1.7 mm
- RJ45 connectors are equipped with a locking nut. They do not require a special tool and can be re-wired if a mistake is made.



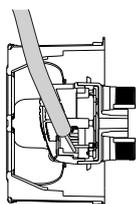
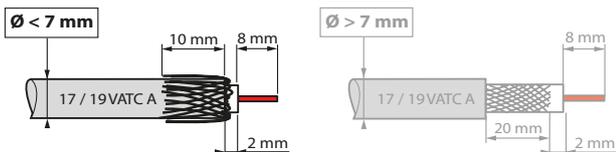
This system makes it easy to spread pairs before fitting them onto the connector.



■ 5.2 TV F-type



6. WIRING PRECAUTIONS



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

7. TECHNICAL CHARACTERISTICS

■ 7.1 Mechanical characteristics - RJ45

Protection against impacts: IK 03
Protection against solid/bodies and liquids: IP 20
Maximum number of connections and disconnections: 5 without replacing the wire.
Endurance: 2500 operations (plugging in/unplugging).

■ 7.2 Mechanical characteristics - TV F-TYPE

Protection against solid bodies and liquids: IP20
Protection against impact: IK04
Cable resistance: 120 N

■ 7.3 Material characteristics

Polygloss appearance
Colour: - White RAL 9003
- Ivory RAL 1013
- Aluminum RAL 9023
- Black RAL 9017
Material: - Cover: ABS
- Base: Polycarbonate
- Halogen-free
- UV resistant

Self-extinguishing:
850°C/30 s for installing components holding live parts in place
650°C/30 s for other insulating components

■ 7.4 Electrical characteristics - RJ45

Breakdown voltage 1000 VDC
Contact resistance 20 mΩ
Insulation resistance 500 mΩ at 100 VDC
Tested and independently certified to comply with IEC 60512-99-001 and IEC 60512-99-002 for PoE support up to 90 W (Type 4).

■ 7.5 Electrical characteristics - TV F-TYPE

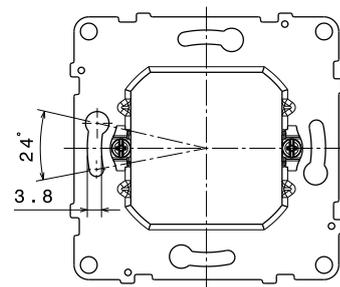
- Impedance : 75 ohm
- Male connector Ø 9.52 mm
- Class A shielding efficiency (class A shielding is necessary to prevent interference caused by using 3 and 4 G phone signals, as these unwanted signals can result in pixellation on screen or adversely affect the sound track).
- Frequency bands: TV: 5-68/120-862 MHz
- Low attenuation: < 1 dB maximum
- Compatible with remote power supply

■ 7.6 Climate characteristics

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

■ 7.7 Support

Material of support: -Metal
Angular adjusting:



8. MAINTENANCE

Surface cleaning with a cloth.

Do not use: Acetone, tar remover, trichloroethylene.

Maintenance with the following products:
Hexane (EN 60669-1), Methylated spirit, Soapy water, Diluted ammonia, Bleach diluted to 10%, Window-cleaning products.

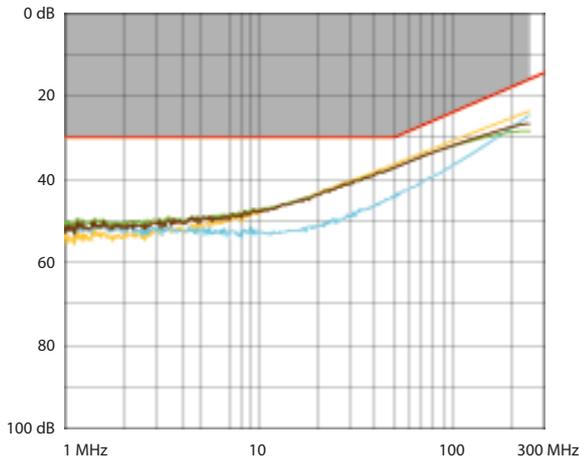
Caution: Always test before using other special cleaning products.

9. STANDARDS AND APPROVALS

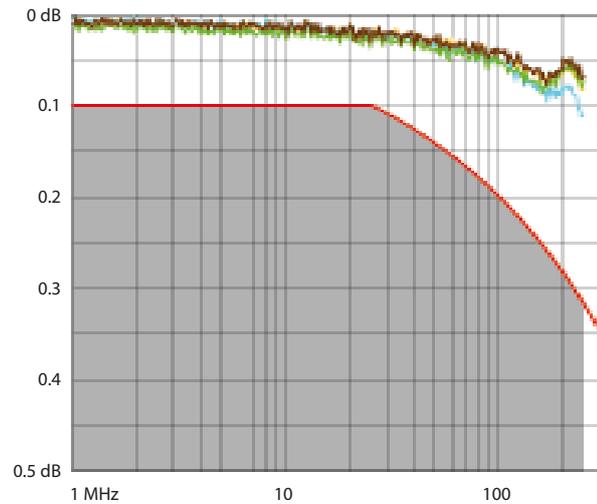
Connectors are compliant to requirements for the following remote powering applications: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt : "Power over Ethernet", Type 1 to 4, up to 90 W.
Compliant with installation and manufacturing standards.
See e-catalogue.

■ 9.1 Performance of components (RJ 45 connectors)

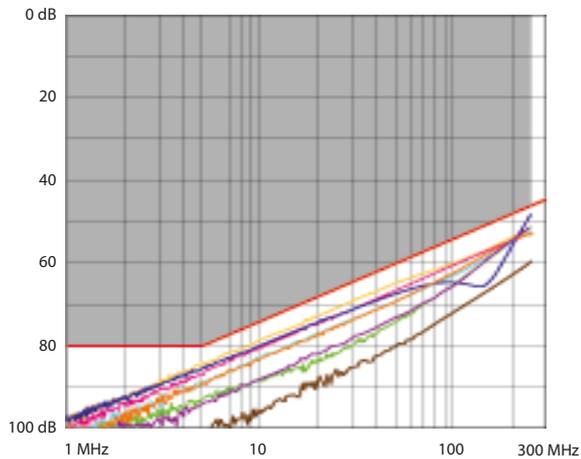
Return loss



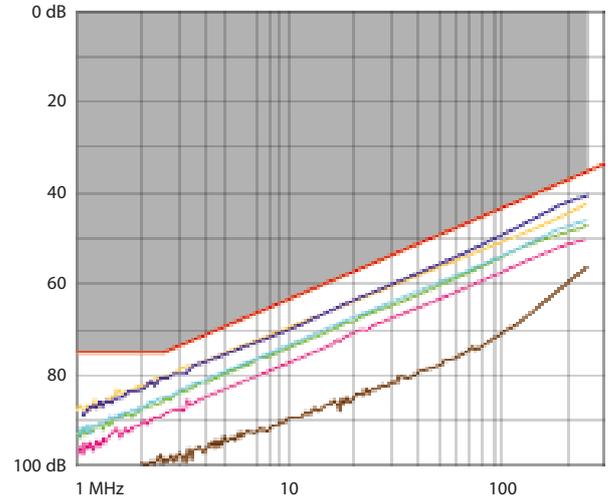
Attenuation



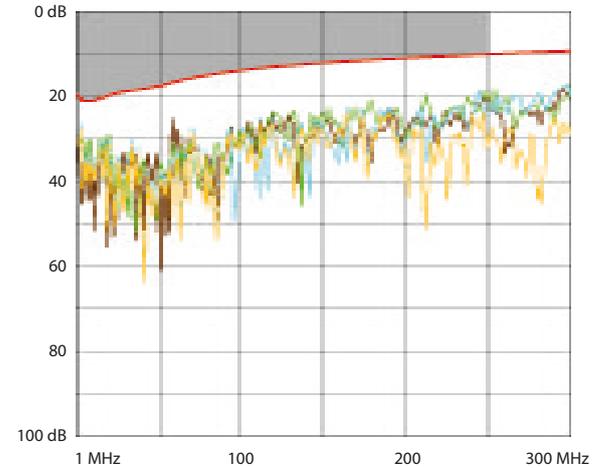
NEXT (Near end Crosstalk Attenuation)



FEXT (Far end Crosstalk Attenuation)



Return loss



Attenuation

