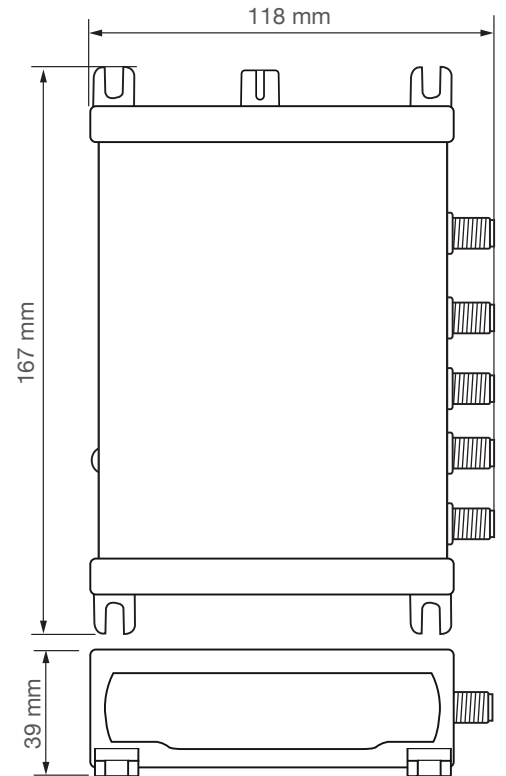


FIBRE OPTIC VIRTUAL QUATTRO LNB

- Virtual LNB Quattro emulation
- 1 output for TV Terrestrial / DAB / FM
- Optical link monitor Led
- A.G.C. for each output
- Level adjuster for TV terrestrial signal

Optical receiver of a single satellite and terrestrial feed (TV/FM/DAB). The satellite outputs emulate Quattro LNB outputs.










Ready for
UHDTV

**MADE IN
ITALY**

5
WARRANTY YEARS

MODEL		SF4T
OPTICAL INPUT	n°	1
SATELLITE OUTPUTS	n°	4
TERRESTRIAL OUTPUT	n°	1
OPTICAL		
OPERATION WAVELENGTH	nm	1310 - 1330 - 1550
INPUT POWER RANGE	dBm	-14... 0
INPUT CONNECTOR TYPE		SC/APC
RETURN LOSS	dB	≥40
SATELLITE		
OUTPUT BANDWIDTH	MHz	1xVL-HL (950... 1.950)/ VH-HH (1.100... 2.150)
OUTPUT LEVEL	dBμV	80
TV TERRESTRIAL / FM / DAB		
OUTPUT BANDWIDTH	MHz	80... 862
LEVEL ADJUSTER ATTENUATOR	dB	0... -20
OUTPUT LEVEL	dBμV	70... 90 (adjustable)
OTHERS		
ISOLATION V / H	dB	> 30
OUTPUT RETURN LOSS	dB	> 12
DC INPUT VOLTAGE RANGE	V	12... 20
MAXIMUM CONSUMPTION	W	8
OPERATING TEMPERATURE	°C	0... 50
DIMENSIONS	mm	172x118x38

DESCRIPTION OF SYMBOLS AND ELECTRICAL SAFETY	
	The equipment complies with the CE requirements
	The equipment is designed for indoor use only
	Equipment grounding terminal
	This symbol indicates that the equipment complies with the class II equipment safety requirements
	To avoid the risk of electric shock, do not open the equipment.
	The equipment is compliant with RoHS 2011/65EU
	Dispose according to local authorities recycling processes

Safety instructions

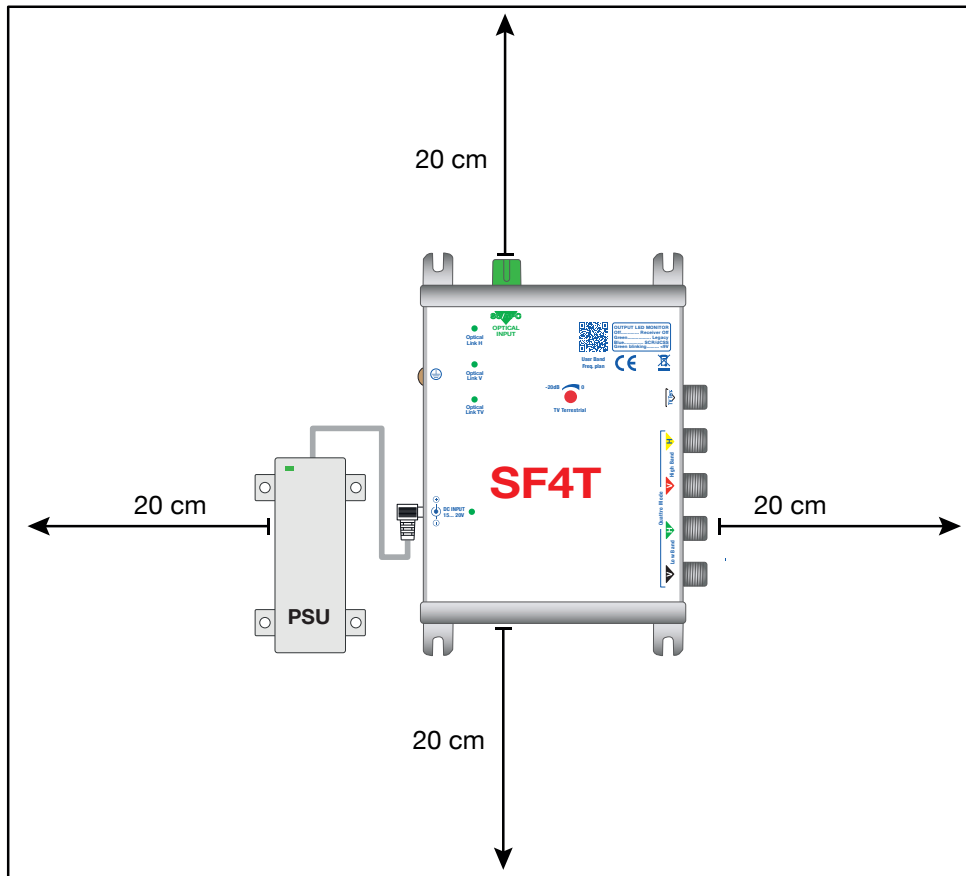
1. Read carefully these instructions
2. Keep these instructions
3. Heed all warnings
4. Follow all instructions
5. Do not expose this apparatus to extreme temperatures
6. Do not install this apparatus near water or expose to rain and moisture
7. Place the apparatus in a dry and well-aired location
8. Install the unit on a vertical wall, or in a waterproof cabinet with a minimum IP55 rating, and fix it safely using the provided fixing plugs
9. Do not install the unit lying flat or on its top
10. Connect the power adapter cord to a detachable power supply socket
11. Unplug the apparatus during lighting storms or when unused for long time
12. Only use accessories specified by the manufacturer
13. Do not remove the cover without disconnecting from the mains first
14. Ambient temperature should not be lower than 0°C and higher than 45°C
15. Please allow air circulation around the apparatus



Installation warnings

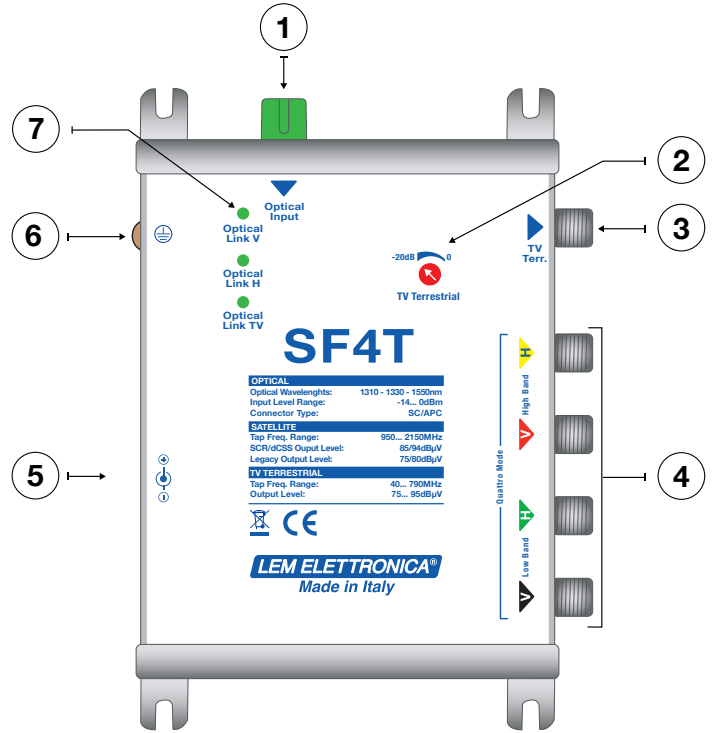
Place the apparatus and the power supplier in a dry and well-aired location
Install the unit on a vertical wall, or in a waterproof cabinet with a minimum IP55 rating, and fix it safely using the provided fixing plugs
Use only the power supplier provided with the amplifier.
The use of not-original power suppliers determines the not-compliance of the product and can cause malfunctions and void the warranty

Recommended distance



DESCRIPTION SF4T

- ① SC/APC Optical Input
- ② Terrestrial output level adjuster
- ③ Terrestre Output
- ④ LNB QUATTRO (VL-HL-HL-HH) Outputs
- ⑤ Power DC input 12... 20 Volt
- ⑥ Gound bonding
- ⑦ Optical link led's



Optical signals higher than 0dBm can damage the **FCO-IF-T** in PON with less than 4 optical points add at least a 7dBm optical attenuator.

MONITOR LED

DC Input

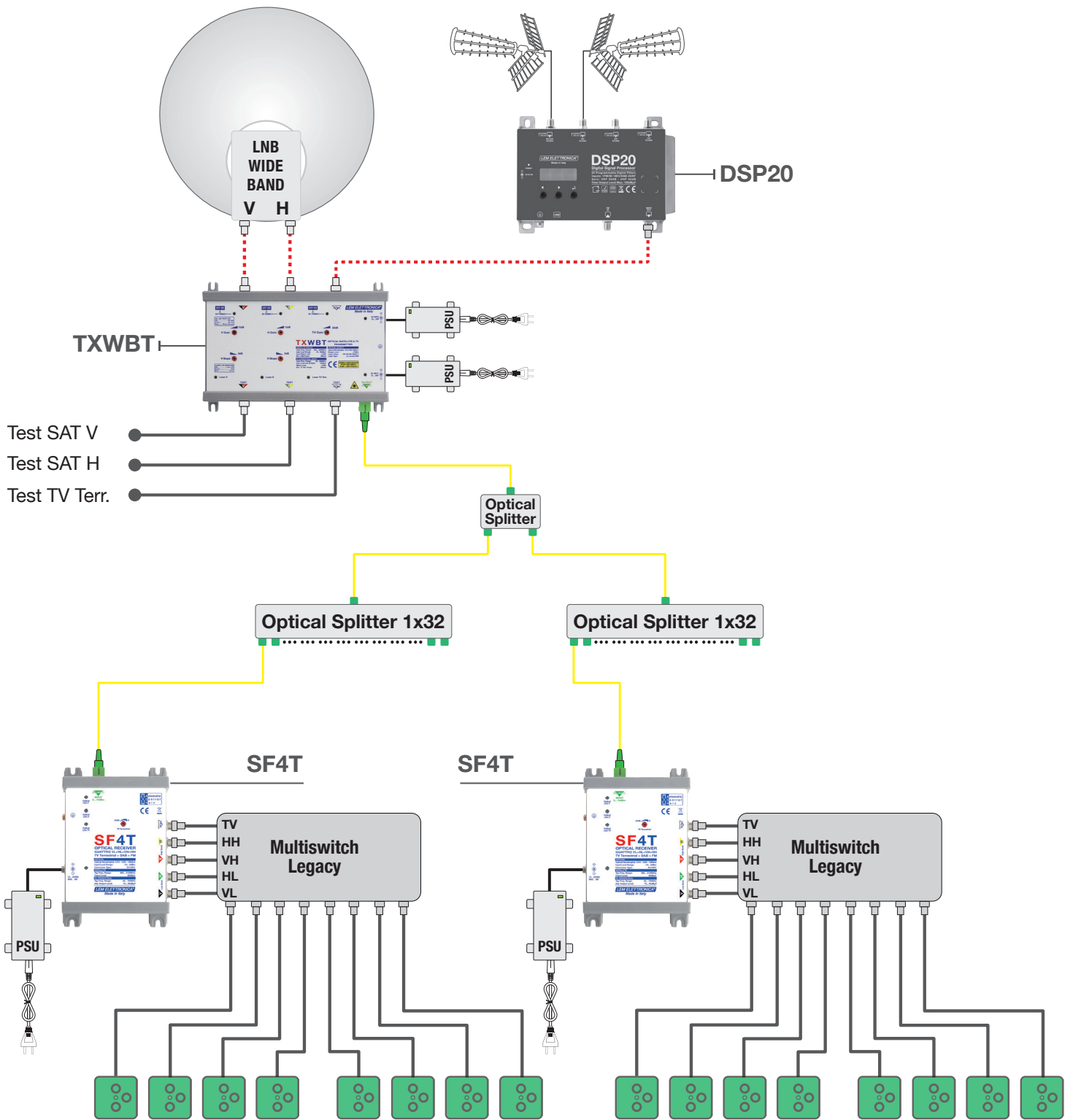
Off= No power

Green= Power

Optical Link

Off= No optical link

Green= Optical link



Distribution of one satellite and terrestrial feed (DTT; FM; DAB) over a single-mode optical fibre to standard five wire multiswitch

The headend **TXWBT** converts and transmits over a single-mode fibre optical cable the terrestrial feeds and the transponders of a satellite received from a Wide Band LNB. The optical signals are received by the optical converter **SF4T** that emulates an LNB Quattro. The outputs VL-HL/VH-HH and the terrestrial output can feed any five input multiswitch.

Label with serial and tracking data

AA1000015019-X1020L

AA	10000	15	019	X10	20L
Model	Serial #	Manuf. Week	Manuf. Year	HW Rel.	FW Rel.