

# NETWORK OF TWISTED PAIR CABLE DATA & TELEPHONY



## Range of devices for signal distribution on twisted pair cables.

High quality products for connectorization and implementation of the network of twisted pair cables, in which the "Passive Multiplexer" plays an important role.

This is the only device on the market that enables certification CAT6 network, and provides eight telephone outputs with ADSL filtering.



# NETWORK OF TWISTED PAIR CABLE

## DATA & TELEPHONY

### ✓ PASSIVE MULTIPLEXER

Provides 8 outputs of telephony, and one ADSL.

It will provide a continuity between the Dispersion Network (for both cable of pairs and cable of twisted pair) and the Indoor User Network (network that is always made of cables of twisted pairs).

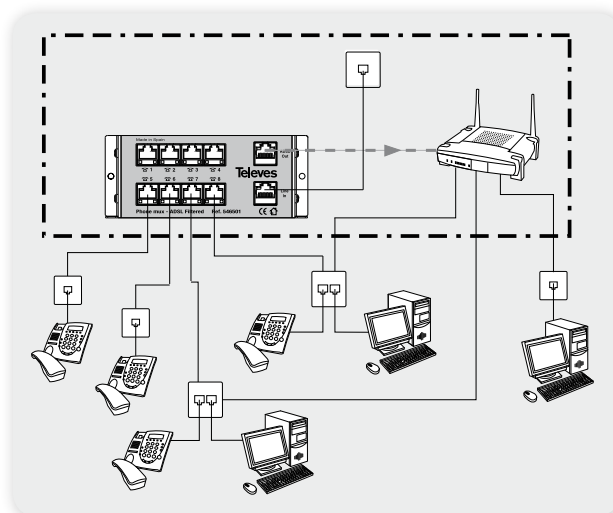
Allows to certificate the network of data/telephony.

- Two possible ways of installation to make easier to connecting tasks.
- LSFH CAT6 lead with RJ45 male connectors.
- RJ45 female input connector and output sockets for ADSL, CAT6 type.
- Incorporates an ADSL filter for its 8 telephone outputs.
- Designed for future coexistence with a "Router".



▲ 546501

REF	DESCRIPTION	CODE EAN 13
546501	Passive multiplexer RJ45 (1 male - 9 females) with a 0,2m LSFH lead. Dimensions (W x H x D): 140 x 60 x 25 mm	8424450161340



### ✓ CONNECTORS FOR DATA AND TELEPHONY

RJ45 male and female connectors for data and telephony. Needed for installation in main terminal enclosure and user access points (UAP).

- Self-crimp (ref. 219901); reusable.
- CAT6 UTP.



▲ 209901

REF	DESCRIPTION	CODE EAN 13
209901	RJ45 data connector UTP CAT-6 Female (self-crimpable)	8424450162828
209902	RJ45 data connector UTP CAT-6 Male	8424450164716



▲ 209902



televes@televes.com

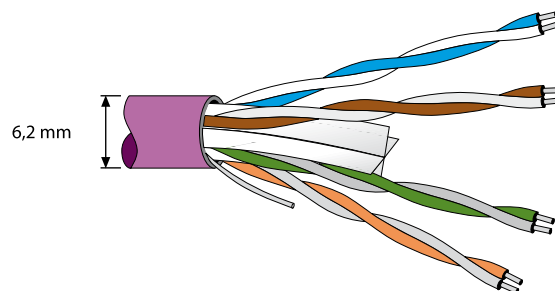
**Televes®**

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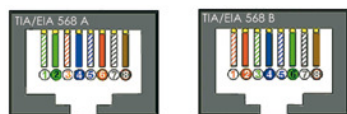
## DATA & TELEPHONY

### DATA Cables

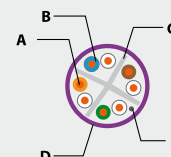
REF	DESCRIPTION	CODE EAN 13
2123	UTP CAST-6 LSFH	8424450140789
2199	UTP CAT-6 PVC	8424450021996



▲ 2123/2199



- A Core of solid copper
- B Isolation of polyethylene
- C Separator type "crucifix"
- D Jacket of LSFH
- E Rip cord



Reference		2123	2199
Type		UTP Cat6	
Pairs	color	p 1	
		p 2	
		p 3	
		p 4	
Jacket	material	LSFH**	PVC*
	color	(Pantone 258C) violea	white
Outer diameter	Ø (mm)	6,2	
Inner conductor	material	solid copper	
	Ø (mm)	0,55	
Conductor isolation	material	polyethylene - (PE)	
Resistance	Ohm/Km	<117	
Nominal impedance	Ohm	100±15	
Working voltage	V	300	
Nominal velocity	%	72	

F. (MHz)	Att. dB/100m	PP-NEXT dB/100m	PS-NEXT dB/100m	PP-ELFEXT dB/100m	PS-ELFEXT dB/100m	P. RT. (RTL) dB/100m
0,772	1,8	76,0	74,0	70,0	67,0	-
1	2,0	74,3	72,3	67,8	64,8	20,0
4	3,8	65,3	63,3	55,7	52,7	23,0
8	5,4	60,8	58,8	49,7	46,7	24,5
10	6,0	59,3	57,3	47,8	44,8	25,0
16	7,6	56,3	54,3	43,7	40,7	25,0
20	8,5	54,8	52,8	41,7	38,7	25,0
25	9,6	53,3	51,3	39,8	36,8	24,3
31,25	10,7	51,9	49,9	37,9	34,9	23,6
62,5	15,5	47,4	45,4	31,8	28,8	21,5
100	19,9	44,3	42,3	27,8	24,8	20,1
125	22,4	42,8	40,8	25,9	22,9	19,4
200	29,2	39,8	37,8	21,7	18,7	18,0
250	33,0	38,3	36,3	19,8	16,8	17,3

(\*\*) Low Smoke Free Halogen IEC60332-1-2; IEC60754-1; IEC61034-1/-2