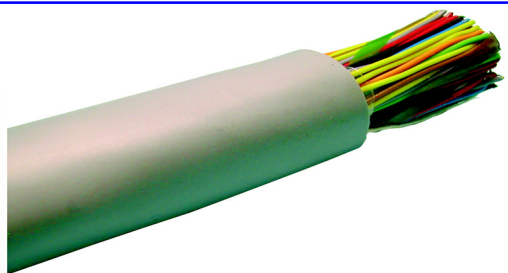


## TRR TRHR ECO-SECUR LINE

TELEPHONE CABLES FOR INTERNAL



### DESCRIPTION:

Telephone cable of normal production realized with don't spread fire PVC, became a means of fire propagation when they are installed with other cables in vertical pipes. ECO-SECUR LINE cables were studied in order to obviate these disadvantages. With particular special PVC compound these cables satisfy don't spread fire propagation test (CEI 20-22), and they allow to reduce the toxic gas emission. For this characteristics they are suitable for distribution systems in civil and industrial internal places.

### TECHNICAL DATA:

<b>Conductors:</b>	Rigid tin copper wires (Cu-Sn) diameter: 0,6mm
<b>Insulation:</b>	PVC; minimal thickness: 0,15mm
<b>Assemblage elements:</b>	To layers or for cables beginning from 26 pairs to groups of 8/10/20 elements
<b>Assembling:</b>	Not hygroscopic material
<b>Screen:</b>	Al/PET tape + drain wire; diameter 0,6mm (Only for TRHR)
<b>Cutting sheath:</b>	Beginning from 5 elements
<b>Sheath:</b>	PVC, gray RAL 7001.

### ELECTRICAL CHARACTERISTICS:

<b>Max resistance of conductors in shots circuit at 20°C:</b>	67,9 ohm/km (0,6mm)
<b>Min insulation resistance:</b>	500Mohm/km
<b>Test Voltage:</b>	1kV in a.C. a 50 Hz; 1,5kV in c.c.
<b>Max Mutual capacity at 800Hz:</b>	120nF/km
<b>Capacitance range:</b>	400pF for 500m

### PHYSICAL CHARACTERISTICS

<b>Fire not propagation:</b>	Standards CEI 20-22 II; CEI 20-35
<b>Corrosivity [HCl%]:</b>	Standards CEI 20-37; IEC 754-1 10
<b>Toxicity:</b>	Standards CEI 20-37; UTE C20-454 20
<b>Standard reference:</b>	CEI 46-5

Pairs n.	Min. Thickness Sheath	TRR NOT SHIELDED			TRHR SHIELDED		
		Code	External Diameter	Weight	Code	External Diameter	Weight
	mm		mm	kg/km		mm	kg/km
1	0,6	6T0105432	4,8	20	6T0116032	5,3	25
1+T	0,6	6T0105532	5,0	25	6T0116132	5,5	30
2	0,6	6T0105632	5,5	30	6T0116232	6	35
2+T	0,6	6T0105732	6,0	35	6T0116332	6,5	40
3	0,6	6T0105832	6,5	45	6T0116432	7	50
3+T	0,6	6T0105932	6,5	50	6T0116532	-	-
4	0,6	6T0106032	6,5	50	6T0116632	7	55
4+T	0,6	6T0106132	6,8	55	6T0116732	-	-
5	0,6	6T0106232	7,0	60	6T0116832	7,5	65
5+T	0,6	6T0106332	7,0	65	6T0116932	-	-
6	0,6	6T0106432	7,5	70	6T0117032	8,0	75
6+T	0,6	6T0106532	7,5	80	6T0117132	-	-
8	0,6	6T0106632	8,0	85	6T0117232	8,5	90
8+T	0,6	6T0106732	8,0	90	6T0117332	-	-
11	0,7	6T0106832	10,0	120	6T0117432	10,5	125
11+T	0,7	6T0106932	10,0	125	6T0117532	-	-
12	0,7	6T0107032	10,0	130	6T0117632	10,5	135
12+T	0,7	6T0107132	10,0	135	6T0117732	-	-
16	0,8	6T0107232	11,0	160	6T0117832	11,5	170
16+T	0,8	6T0107332	11,0	165	6T0117932	-	-
21	0,8	6T0107432	13,0	190	6T0118032	13,5	200
21+T	0,8	6T0107532	13,0	195	6T0118132	-	-
26	0,9	6T0107632	14,5	240	6T0118232	15,0	250
26+T	0,9	6T0107732	14,5	250	6T0118332	-	-
30+1	0,9	6T0107832	15,0	280	6T0118432	15,5	290
50+1	0,9	6T0108032	18,5	420	6T0118632	19,0	430
100+1	1,15	6T0108232	24,0	820	6T0118832	24,7	830

NOTE: External diameter can change in a range of +/- 3%.

