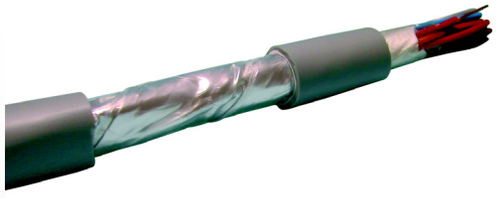
# TE GH/R

TELEPHONE CABLE FOR ESTERNAL

## ECO-SECUR LINE



DESCRIPTION:

These cables can find employment in city or similar nets and in a varied climatic condictions.Suitable in fixed pose in air for their resistance to vibrations, for the lightness, for the ease of handling associated to one resistance to the bendings, the percussions and the efforts of traction.

**TECHNICAL DATA:**

**Conductors:** Rigid red copper wires (Cu)
Diameter: 0,6mm
**Insulation:** PE
**Assemblage elements**: To groups
**Assembling**: In not hygroscopic material
**Screen**: Aluminium tape + tin copper drain wire,diameter 0,6mm
**2nd Assembling:** In not hygroscopic material
**Sheath**: PVC gray RAL 7001

**ELECTRICAL CHARACTERISTICS:**

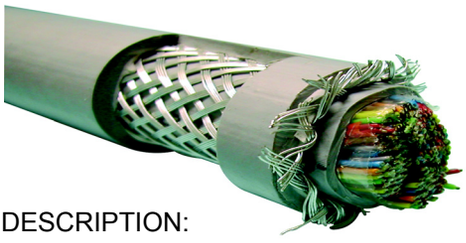
**Max conductor resistance in s.c. at 20°C**:
66,6 ohm/km (max single);
63,9 ohm/km (max medium)
**Min insulation resistance**: >= 40 GOhm/km
**Test Voltage**: 9kV in c.c. for 3 sec.
**Mutual capacitance (800-1000 Hz)**: 47 nF/km (med. max.)
55 nF/km (max.)
**Capacitance range**: pairs pairs max. 150 pF/500 m
pairs gnd max. 1200 pF/500 m.

**STANDARD :** TELECOM ITALIA C.T. 1285 (cosnstitution); C.T. 1035 (materials).

**NOTE: IT'S POSSIBLE TO REALIZE TE GH/M1 VERSION.**

| CODE | Cable | Insulation Thickness | Sheath Thickness | | External Diameter | Bending radius | Max Tensile strenght | Weight |
|---|---|---|---|---|---|---|---|---|
| | | | med. | min. | | | | |
| | | mm | mm | mm | mm | mm | kg | kg/km |
| 6T5001032 | TE 10 x 2 x 0,6 GH/R | 0,3 | 1,50 | 1,20 | 13 | 90 | 40 | 180 |
| 6T5002032 | TE 20 x 2 x 0,6 GH/R | 0,3 | 1,70 | 1,35 | 15 | 100 | 80 | 290 |
| 6T5003032 | TE 30 x 2 x 0,6 GH/R | 0,3 | 1,70 | 1,35 | 18 | 120 | 120 | 390 |
| 6T5005032 | TE 50 x 2 x 0,6 GH/R | 0,3 | 1,90 | 1,50 | 22 | 145 | 200 | 600 |
| 6T5010032 | TE 100 x 2 x 0,6 GH/R | 0,3 | 2,30 | 1,85 | 30 | 200 | 300 | 1100 |

These cables can be realized in LSZH version. totally non-toxic.



# TE GH/R ARMORED

## TELEPHONE CABLES

DESCRIPTION:

TE GH/R AR cables are realized on TE GH/R base cables, realizing a galvanized steel wires braid armor with a cover of 80% on the external TE GH/R sheath and subsequenbtly an antiflame PVC or polyethylene (only on request) sheath.The cables of this family are indicated for fixed lay in air, in tube, groove or directly in undeground lay. Main characteristic of these cable is the protection from hits and rats.they are adapted for industrial places.