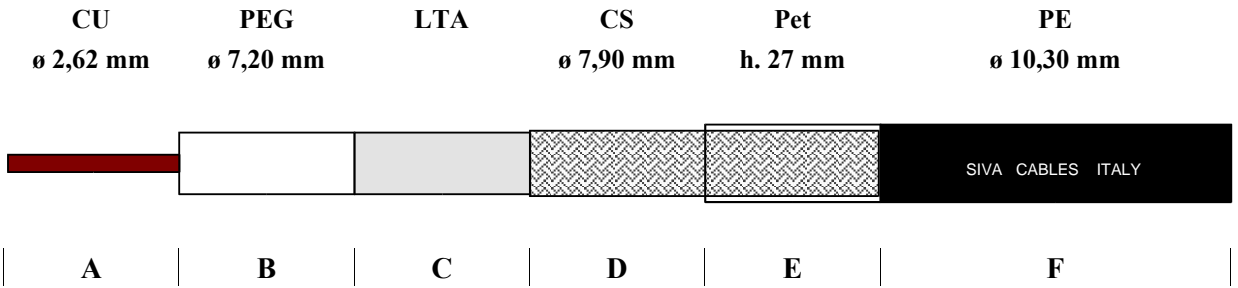




GENERAL TECHNICAL DATA :

# RF 400 LTA

Double screened 50 Ohm RF coaxial cable. Underground laying.



## MECHANICAL DATA

## DIMENSIONS

<b>A</b>	Plain copper inner conductor	<b>CU</b>	<b>ø 2,62 mm</b>
<b>B</b>	Gas injected foam polyethylene dielectric	<b>PEG</b>	<b>ø 7,20 ± 0,10 mm</b>
<b>C</b>	Aluminium+polyester+aluminium tape shield Percentage coverage	<b>LTA</b>	<b>100%</b>
<b>D</b>	Tinned copper outer conductor Percentage coverage	<b>CS</b>	<b>128 x 0,15 mm</b> <b>70%</b>
<b>E</b>	Non-migrating tape	<b>Pet</b>	<b>h. 27 mm</b>
<b>F</b>	Carbon black polyethylene sheath Sheath's colour : <b>NERA</b> Sheath's printing :	<b>PE</b>	<b>ø 10,30 ± 0,10 mm</b>

Copper weight **71 Kg/Km**  
Cable weight **122,1 Kg/Km**

## ELECTRICAL PERFORMANCE

## ATTENUATION dB/100 m

Impedance	<b>50 ± 3 Ohm</b>
Capacitance	<b>80 pF/m</b>
Velocity ratio	<b>84%</b>

50 MHz	<b>2,5</b>
100 MHz	<b>3,6</b>
400 MHz	<b>7,9</b>
600 MHz	<b>10</b>
860 MHz	<b>12,1</b>
1000 MHz	<b>13,2</b>
1750 MHz	<b>18,7</b>
2400 MHz	<b>22,2</b>

## SCREENING EFFECTIVENESS dB

100-900 MHz	<b>&gt;85</b>
.....-..... MHz	

## STRUCTURAL RETURN LOSS dB

Inner conductor resistance	<b>3,2 Ohm/Km</b>
Outer conductor resistance	<b>7,5 Ohm/Km</b>

30-300 MHz	<b>&gt;29</b>
300-600 MHz	<b>&gt;26</b>
600-2400 MHz	<b>&gt;24</b>

The producer reserves himself to make modification on the item without any notice.