

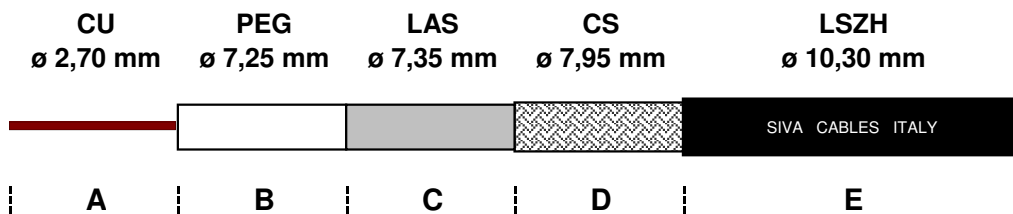


FABBRICA CAVI - ANTENNE - ACCESSORI TV



# RF 400 LTA - ZH

DOUBLE SCREENED 50 OHM RF COAXIAL CABLE



## MECHANICAL DATA

<b>A</b>	<b>INNER CONDUCTOR</b>	PLAIN COPPER	.....	<b>ø 2,70 mm</b>
<b>B</b>	<b>DIELECTRIC</b>	GAS INJECTED FOAM POLYETHYLENE		<b>ø 7,25 ± 0,18 mm</b>
<b>C</b>	<b>SHIELD</b>	ALL + PET + ALL ADHESIVE TAPE		<b>h. 27 mm</b>
		- COVERAGE	.....	<b>100%</b>
<b>D</b>	<b>BRAID</b>	TINNED COPPER	.....	<b>128 x 0,15 mm</b>
		- COVERAGE	.....	<b>70%</b>
<b>E</b>	<b>SHEATH</b>	FLAME RETARDANT NON-CORROSIVE THERMOPLASTIC FREE OF HALOGENS		<b>ø 10,30 ± 0,18 mm</b>
	- COLOUR	<b>BLACK - RAL 9004</b>		
	- PRINTING			

### MINIMUM BENDING RADIUS ( mm )

- **SINGLE**      ø EXTERNAL X 5
- **REPEATED**      ø EXTERNAL X 10

**TEMPERATURE RANGE**      -30 °C / +70 °C

### CABLE WEIGHT ( Kg/Km )

- **COPPER**      74,1
- **PLASTIC**      67,4
- **TOTAL**      144,8

## ELECTRICAL PROPERTIES at 20°C

**IMPEDANCE**      50 ± 3 Ohm

**CAPACITANCE**      80 pF/m

**VELOCITY RATIO**      84%

### RESISTANCE

- **INNER CONDUCT.**      3,2 Ohm/Km
- **BRAID**      7,5 Ohm/Km

### TENSION

- **SHEATH SPARK TESTING**      8,5 kV

### ATTENUATIONS dB/100 m.

		<b>dB</b>	<b>W</b>
5	MHz	0,9	
10	MHz	1,2	
50	MHz	2,5	
100	MHz	3,6	
200	MHz	5,3	
400	MHz	7,9	

### MAX. POWER RATING W

		<b>dB</b>	<b>W</b>
500	MHz	9,0	
600	MHz	10,0	
800	MHz	11,7	
1000	MHz	13,2	
1350	MHz	15,8	
1500	MHz	16,6	

		<b>dB</b>	<b>W</b>
1750	MHz	18,7	
2150	MHz	20,6	
2250	MHz	21,2	
2500	MHz	22,6	
2750	MHz	23,8	
3000	MHz	25,1	

### STRUCTURAL RETURN LOSS dB

30 ÷ 300	MHz	>29	1000 ÷ 2000	MHz	>19
300 ÷ 600	MHz	>26	2000 ÷ 3000	MHz	>18
600 ÷ 1000	MHz	>24	..... ÷ .....	MHz	-

### SCREENING EFFECTIVENESS dB

100 ÷ 900	MHz	>90
900 ÷ 2000	MHz	>80
2000 ÷ 3000	MHz	>70

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