

RF 400 LSNH

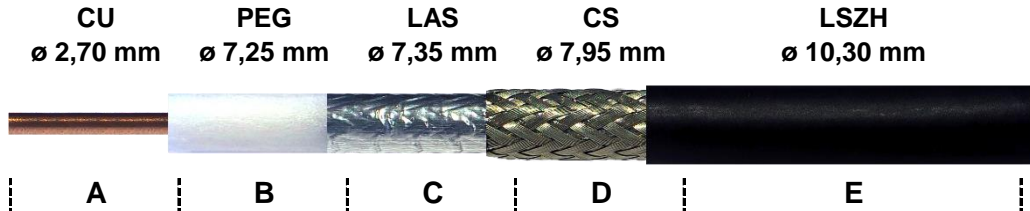
DOUBLE SCREENED 50 OHM RF COAXIAL CABLE
IN ACCORDANCE TO : IEC 60754-1 IEC 60754-2 IEC 61034-2

koax24



Order number **050233**

Class CPR **E_{ca}**



MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	ø 2,70 mm
B	DIELECTRIC	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE		ø 7,25 ± 0,18 mm
C	SHIELD	ALL + PET + ALL ADHESIVE TAPE		h. 27 mm
		- COVERAGE	100%
D	BRAID	TINNED COPPER	128 x 0,15 mm
		- COVERAGE	70%
E	SHEATH	FLAME RETARDANT NON-CORROSIVE THERMOPLASTIC FREE OF HALOGENS		ø 10,30 ± 0,18 mm
	- COLOUR	BLACK - RAL 9004		
	- PRINTING	RF 400 LTA-ZH 50 OHM LOW LOSS CABLE LSZH 2,70 / 7,25 / 10,30		
		MADE IN ITALY CE 56 WEEK/YEAR EN 50575:2014 + A1:2016 Eca		

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** 8,5 kV

SPARK TESTING

ATTENUATIONS dB/100 m.

MAX. POWER RATING W

		dB	W
5	MHz	0,9	8200
10	MHz	1,2	5800
50	MHz	2,5	2590
100	MHz	3,6	1830
200	MHz	5,3	1290
400	MHz	7,9	910

		dB	W
500	MHz	9,0	820
600	MHz	10,0	745
800	MHz	11,7	645
1000	MHz	13,2	580
1350	MHz	15,8	499
1500	MHz	16,6	474

		dB	W
1750	MHz	18,7	435
2150	MHz	20,6	396
2250	MHz	21,2	385
2500	MHz	22,6	363
2750	MHz	23,8	350
3000	MHz	25,1	330

STRUCTURAL RETURN LOSS dB

30 ÷ 300	MHz	>29
300 ÷ 600	MHz	>26
600 ÷ 1000	MHz	>24

SCREENING EFFECTIVENESS dB

1000 ÷ 2000	MHz	>19	100 ÷ 900	MHz	>90
2000 ÷ 3000	MHz	>18	900 ÷ 2000	MHz	>80
..... ÷	MHz	-	2000 ÷ 3000	MHz	>70

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