

RF 240 LSNH

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

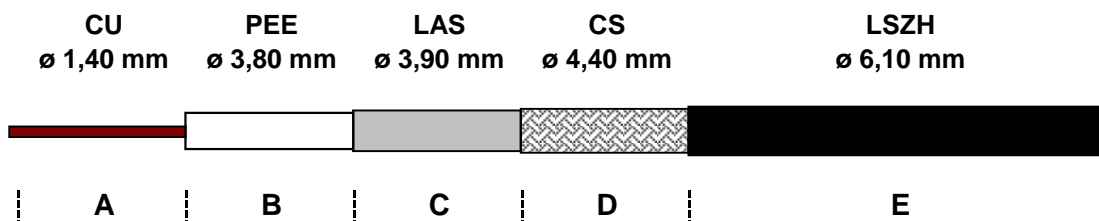
koax24



CE

Order number 050232

Class CPR **E_{ca}**



MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	.....	ø 1,40 mm
B	DIELECTRIC	FOAM POLYETHYLENE	.....	ø 3,80 ± 0,10 mm
C	SHIELD	ALL + PET + ALL ADHESIVE TAPE		h. 15 mm
		- COVERAGE	.....	100%
D	BRAID	TINNED COPPER	.....	112 x 0,12 mm
		- COVERAGE	.....	80%
E	SHEATH	FLAME RETARDANT NON-CORROSIVE		ø 6,10 ± 0,10 mm
		THERMOPLASTIC FREE OF HALOGENS		
	- COLOUR	BLACK - RAL 9004		
	- PRINTING	RF 240 LTA-ZH 50 OHM LOW LOSS CABLE LSZH 1,40 / 3,80 / 6,10		
		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** 25,9
- **PLASTIC** 26,0
- **TOTAL** 53,7

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 50 ± 3 Ohm

CAPACITANCE 80 pF/m

VELOCITY RATIO 84%

RESISTANCE

- **INNER CONDUCT.** 11,5 Ohm/Km
- **BRAID** 14,5 Ohm/Km

TENSION

- **SHEATH** 4,5 kV

SPARK TESTING

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	1,9	3536
10	MHz	2,5	2500
50	MHz	5,7	1118
100	MHz	7,8	791
200	MHz	11,1	559
400	MHz	16,2	395

MAX. POWER RATING W

		dB	W
500	MHz	18,1	354
600	MHz	20,0	323
800	MHz	23,5	280
1000	MHz	26,0	250
1350	MHz	31,4	215
1500	MHz	32,9	204

		dB	W
1750	MHz	36,0	189
2150	MHz	40,4	170
2250	MHz	40,8	167
2500	MHz	43,7	158
2750	MHz	45,9	151
3000	MHz	49,9	144

STRUCTURAL RETURN LOSS dB

30 ÷ 300 MHz >28
300 ÷ 600 MHz >24
600 ÷ 1000 MHz >19

SCREENING EFFECTIVENESS dB

1000 ÷ 2000 MHz >16
2000 ÷ 3000 MHz >15
..... ÷ MHz -

100 ÷ 900 MHz >95
900 ÷ 2000 MHz >85
2000 ÷ 3000 MHz >75

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