RF 195 LSNH

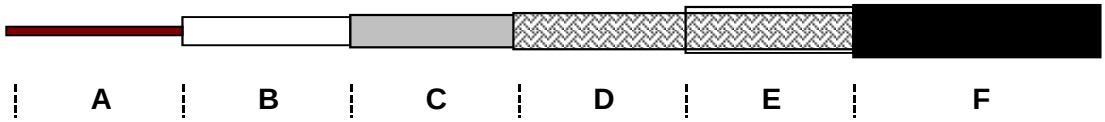
DOUBLE SCREENED 50 OHM RF COAXIAL CABLE
IN ACCORDANCE TO : IEC 60092-359 IEC 60332-1-2 IEC 60332-3-22A
IEC 60754-1 IEC 60754-2 IEC 60811-3-1 IEC 61034-2

koax24

Order number 050231

Class CPR E_{ca}

CU	PEE	LTA	CS	Pet	LSZH
ø 0,95 mm	ø 2,80 mm	ø 2,90 mm	ø 3,40 mm	h. 16 mm	ø 5,00 mm



A	B	C	D	E	F

MECHANICAL DATA

A	**INNER CONDUCTOR**	PLAIN COPPER	**ø 0,95 mm**
B	**DIELECTRIC**	FOAM POLYETHYLENE	**ø 2,80 ± 0,10 mm**
C	**SHIELD**	ALUMINIUM + POLYESTER + ALUMINIUM TAPE	**h. 12 mm**
		- COVERAGE	**100%**
D	**BRAID**	TINNED COPPER	**128 x 0,12 mm**
		- COVERAGE	**96%**
E	**NON-MIGRATING**	POLYESTER TAPE	**h. 16 mm**
F	**SHEATH**	FLAME RETARDANT NON-CORROSIVE THERMOPLASTIC FREE OF HALOGENS	**ø 5,00 ± 0,10 mm**
	- COLOUR	**BLACK - RAL 9004**	
	- PRINTING	**RF 195 SHF1 50 OHM LOW LOSS CABLE LSZH 0,95 / 2,80 / 5,00**	
		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** 19,9
- **PLASTIC** 19,5
- **TOTAL** 40,7

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 50 ± 3 Ohm

CAPACITANCE 80 pF/m

VELOCITY RATIO 80%

RESISTANCE

- **INNER CONDUCT.** 25,2 Ohm/Km
- **BRAID** 16 Ohm/Km

TENSION

- **SHEATH** 4,0 kV

SPARK TESTING

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	2,9	1980
10	MHz	3,9	1400
50	MHz	8,6	626
100	MHz	11,7	443
200	MHz	16,0	313
400	MHz	22,9	221

MAX. POWER RATING W

		dB	W
500	MHz	25,9	198
600	MHz	28,6	181
800	MHz	33,5	157
1000	MHz	37,8	140
1350	MHz	44,6	120
1500	MHz	47,3	114

		dB	W
1750	MHz	51,6	106
2150	MHz	58,0	95
2250	MHz	59,1	93
2500	MHz	62,8	89
2750	MHz	65,9	84
3000	MHz	68,8	81

STRUCTURAL RETURN LOSS dB

30 ÷ 300	MHz	>26
300 ÷ 600	MHz	>23
600 ÷ 1000	MHz	>21
1000 ÷ 2000	MHz	>18
2000 ÷ 3000	MHz	>15
….. ÷ …..	MHz	-

SCREENING EFFECTIVENESS dB

100 ÷ 900	MHz	>85
900 ÷ 2000	MHz	>75
2000 ÷ 3000	MHz	>65

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

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