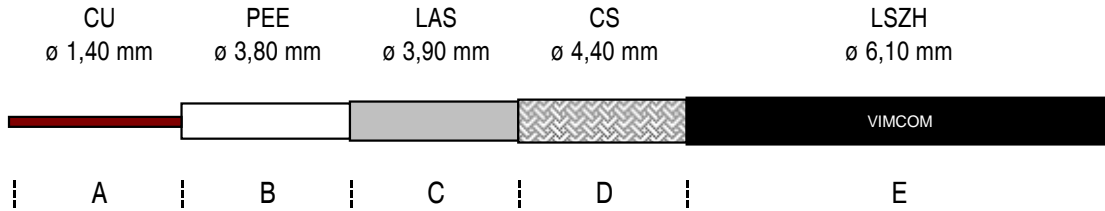


RF 240 HALO/FLAME

DOUBLE SCREENED 50 OHM RF COAXIAL CABLE



MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	.....	ø 1,40 mm
B	DIELECTRIC	FOAM POLYETHYLENE	.....	ø 3,80 ± 0,10 mm
C	SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM ADHESIVE TAPE	.....	h. 15 mm
		- COVERAGE	.....	100%
D	BRAID	TINNED COPPER	.....	112 x 0,12 mm
		- COVERAGE	.....	80%
E	SHEATH	NON-CORROSIVE THERMOPLASTIC FREE OF HALOGENS	.....	ø 6,10 ± 0,10 mm
	- COLOUR	BLACK - RAL 9004		
	- PRINTING	VIMCEL RF 240 HALO/FLAME		

MINIMUM BENDING RADIUS (mm)

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

CABLE WEIGHT (Kg/Km)

- COPPER	25.9
- PLASTIC	26.1
- TOTAL	53.8

TAMPERATURE RANGE

-30 °C / +70 °C

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 50 ± 3 Ohm

CAPACITANCE 80 pF/m

VELOCITY RATIO 84%

RESISTANCE

- INNER CONDUCTOR	11,5 Ohm/Km
- BRAID	14,5 Ohm/Km

TENSION

- SHEATH	4,0 kV
- SPARK TESTING	

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	1.9	
10	MHz	2.5	
50	MHz	5.7	
100	MHz	7.8	
200	MHz	11.1	
300	MHz	13.8	

MAX. POWER RATING W

		dB	W
500	MHz	18.1	
600	MHz	20.0	
800	MHz	23.5	
1000	MHz	26.0	
1350	MHz	31.4	
1500	MHz	32.9	

		dB	W
1750	MHz	36.0	
2150	MHz	40.4	
2250	MHz	40.8	
2500	MHz	43.7	
2750	MHz	45.9	
3000	MHz	49.9	

STRUCTURAL RETURN LOSS dB

30 ÷ 300	MHz	>28	1000 ÷ 2000	MHz	>16
300 ÷ 600	MHz	>24	2000 ÷ 3000	MHz	>15
600 ÷ 1000	MHz	>19	..... ÷ .....	MHz	-

SCREENING EFFECTIVENESS dB

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.