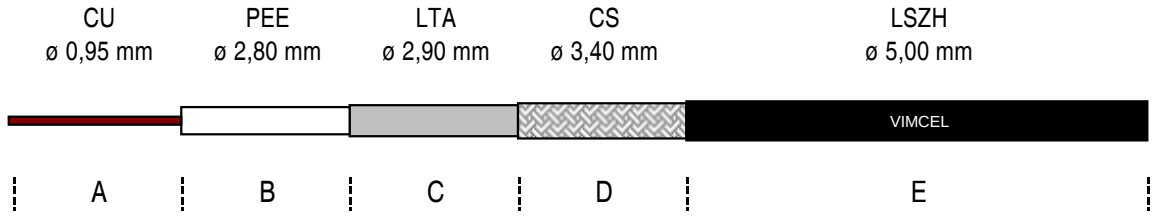
RF 195 HALO/FLAME

DOUBLE SCREENED 50 OHM RF COAXIAL CABLE



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	SHEATH	NON-CORROSIVE THERMOPLASTIC FREE OF HALOGENS	ø 5,00 ± 0,10 mm
	- COLOUR	BLACK - RAL 9004	
	- PRINTING	VIMCEL RF 195 HALO/FLAME	

MINIMUM BENDING RADIUS (mm)			CABLE WEIGHT (Kg/Km)	
-	SINGLE	ø EXTERNAL X 5	- COPPER	19.9
-	REPEATED	ø EXTERNAL X 10	- PLASTIC	19.0
TEMPERATURE RANGE		-30 / +70 °C	- TOTAL	39.9

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	50 ± 3 Ohm	RESISTANCE	
		- INNER CONDUCTOR	25,2 Ohm/Km
CAPACITANCE	80 pF/m	- BRAID	16,0 Ohm/Km
		TENSION	
VELOCITY RATIO	80%	- SHEATH SPARK TESTING	4,0 kV

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	2.8	
10	MHz	3.9	
50	MHz	8.5	
100	MHz	11.3	
200	MHz	15.8	
300	MHz	19.6	

MAX. POWER RATING W

		dB	W
500	MHz	25.9	
600	MHz	28.7	
800	MHz	33.2	
1000	MHz	37.5	
1350	MHz	44.1	
1500	MHz	48.2	

		dB	W
1750	MHz	52.2	
2150	MHz	58.9	
2250	MHz	60.1	
2500	MHz	65.6	
2750	MHz	68.4	
3000	MHz	73.4	

STRUCTURAL RETURN LOSS dB

30 ÷ 300	MHz	>28	1000 ÷ 2000	MHz	>16	100 ÷ 900	MHz	>85
300 ÷ 600	MHz	>24	2000 ÷ 3000	MHz	>15	900 ÷ 2000	MHz	>75
600 ÷ 1000	MHz	>19	….. ÷ …..	MHz	-	2000 ÷ 3000	MHz	>65

SCREENING EFFECTIVENESS dB

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

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