RF 240 HALO/FLAME

DOUBLE SCREENED 50 OHM RF COAXIAL CABLE

CU	PEE	LAS	CS	LSZH
ø 1,40 mm	ø 3,80 mm	ø 3,90 mm	ø 4,40 mm	ø 6,10 mm

A	B	C	D	E

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	**h. 15 mm**
	- COVERAGE		**100%**
D	**BRAID**	TINNED COPPER	**112 x 0,12 mm**
	- COVERAGE		**80%**
E	**SHEATH**	NON-CORROSIVE THERMOPLASTIC FREE OF HALO	**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

TAMPERATURE RANGE -30 °C / +70 °C

CABLE WEIGHT (Kg/Km)

- **COPPER** 25.9
- **PLASTIC** 26.1
- **TOTAL** 53.8

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 50 ± 3 Ohm

CAPACITANCE 80 pF/m

VELOCITY RATIO 84%

RESISTANCE

- **INNER CONDUCTO** 11,5 Ohm/Km
- **BRAID** 14,5 Ohm/Km

TENSION

- **SHEATH SPARK TESTING** 4,0 kV

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
400	MHz	16.2	
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	é .. ÷ é ..	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.

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