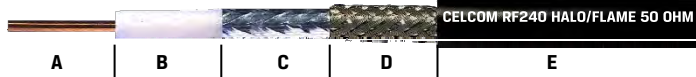


Specifications

Celcom Rohkabel RF 240

Photos

Code-Nr.: 240000



Mechanical properties

A	INNER CONDUCTOR	PLAIN COPPER	∅ 1,40 mm
B	DIELECTRIC	FOAM POLYETHYLENE	∅ 3,80 mm ± 0,10 mm
C	SHIELD	ALL + PET + ALL ADHESIVE TAPE	h. 15 mm
		- COVERAGE	100%
D	BRAID	TINNED COPPER	112 x 0,12mm
		- COVERAGE	80%
E	SHEATH	FLAME RETARDANT NON-CORROSIVE	
		THERMOPLASTIC FREE OF HALOGENS	∅ 6,10 ± 0,10 mm
	- COLOUR	BLACK - RAL 9004	
	- PRINTING		
		## METER ## 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	∅ EXTERNAL x 5
- REPEATED	∅ EXTERNAL x 10
TEMPERATURE RANGE	-40°C / +80°C

CABLE WEIGHT (Kg/Km)

- COPPER	25,9
- PLASTIC	26,0
- TOTAL	53,7

Electrical properties

IMPEDANCE	50 ± 3 Ohm
CAPACITANCE	80 pF/m
VELOCITY RATIO	84 %

RESISTANCE	
- INNER CONDUCT.	11,5 Ohm/Km
- BRAID	16,2 Ohm/Km

TENSION	
- SHEATH	4,5 kV
SPARK TESTING	

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	1,9	3536
10	MHz	2,7	2500
30	MHz	4,4	1443
50	MHz	5,6	1118
150	MHz	9,5	645
220	MHz	11,7	533

MAX. POWER RATING W

		dB	W
450	MHz	17,4	373
600	MHz	20,2	323
800	MHz	23,5	280
900	MHz	24,7	264
1000	MHz	26,4	250
1500	MHz	32,9	204
1800	MHz	36,4	186
2000	MHz	39,1	177
2500	MHz	43,8	158
3000	MHz	48,6	144
5200	MHz	67,4	110
5800	MHz	71,8	104

STRUCTURAL RETURN LOSS dB

30 ÷ 450	MHz	>25
450 ÷ 1000	MHz	>20
100 ÷ 2000	MHz	>17

2000 ÷ 3000	MHz	>16
3000 ÷ 4000	MHz	>15
4000 ÷ 5800	MHz	>11

SCREENING EFFECTIVENESS dB

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