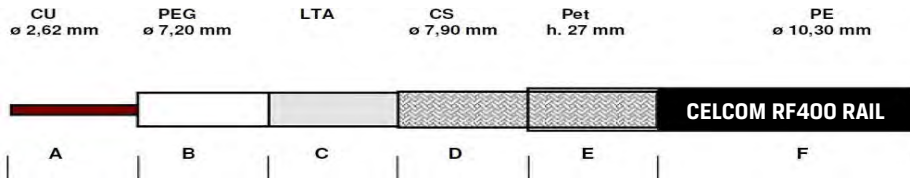


Specifications

Celcom RF 400 Halo/Flame Rail

Photos

Code-Nr.: 400000RAIL



Electrical properties

EN Certificates

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

RESISTANCE

EN45545
 EN50305:2002
 EN61034-2:2005+A1:2013

ATTENUATIONS dB/100 m.

MAX. POWER RATING W

		dB
50	MHz	2,5
100	MHz	3,6
400	MHz	7,9
600	MHz	10,0

		dB
860	MHz	12,1
1000	MHz	13,2
1750	MHz	18,7
2400	MHz	22,2

STRUCTURAL RETURN LOSS dB

SCREENING EFFECTIVENESS dB

30 ÷ 300	MHz	>29
300 ÷ 600	MHz	>26
600 ÷ 2400	MHz	>24

100 ÷ 900	MHz	>85 CLASS
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INNER CONDUCTOR RESISTANCE
OUTER CONDUCTOR RESISTANCE

3,2 Ohm/Km
 7,5 Ohm/Km

Mechanical properties

A	INNER CONDUCTOR	PLAIN COPPER	CU	Dimension: \varnothing 2,62 mm
B	DIELECTRIC	GAS INJECTED FOAM POLYETHYLENE	PEG	Dimension: \varnothing 7,20 mm ± 0,10 mm
C	SHIELD	ALL + PET + ALL ADHESIVE TAPE		
		- COVERAGE	LTA	Dimension: 100%
D	OUTER CONDUCTOR	TINNED COPPER	CS	Dimension: 128 x 0,15mm
		- COVERAGE		70%
E	TAPE	NON-MIGRATING TAPE	Pet	Dimension: h.27 mm
F	SHEATH	CARBON BLACK POLYETHYLENE	LSZH	Dimension: \varnothing 10,30 ± 0,18 mm
	- COLOUR	BLACK		
	- PRINTING			

##METER## CELCOM RF400 RAIL HALO/FLAME EN45545 50 OHM

BENDING RADIUS (mm)

CABLE WEIGHT (Kg/Km)

- SINGLE \varnothing EXTERNAL x 5
- REPEATED \varnothing EXTERNAL x 10
TEMPERATURE -40°C / +75°C

- COPPER 71,0
- TOTAL 122,1