

Specification

Code-Nr.: RF195HALOFLAME

Photos

Electrical properties

Impedance	50 Ohm
Capacitance	80 pF/m
Velocity Ratio	80%
Resistance	
<ul style="list-style-type: none"> • Inner conductor • Braid 	25,2 Ohm/Km 16 Ohm/Km

Tension	
<ul style="list-style-type: none"> • Sheath/Spark Testing 	4kV

Attenuations dB/100m

FQ	dB/100m
5	2.8
10	3.9
50	8.5
100	11.3
200	15.8
300	19.6

FQ	dB/100m
500	25.9
600	28.7
800	33.2
1000	37.5
1350	44.1
1500	48.2

FQ	dB/100m
1750	52.2
2150	58.9
2250	60.1
2500	65.6
2750	68.4
3000	73.4

Structurel Return Loss dB

<ul style="list-style-type: none"> • 30 ÷ 300 MHz • 300 ÷ 600 MHz • 600 ÷ 1000 MHz • 1000 ÷ 2000 MHz • 2000 ÷ 3000 MHz 	>28 >24 >19 >16 >15
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Screening Effectiveness dB

<ul style="list-style-type: none"> • 100 ÷ 900 MHz • 900 ÷ 2000 MHz • 2000 ÷ 3000 MHz 	>85 >75 >65
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Mechanical properties

Dimensions

- Inner conductor $\varnothing 0.95\text{mm}$
- Dielectric $\varnothing 2.80 \pm 0.10\text{mm}$
- Shield h. 12mm (coverage 100%)
- Braid 128 x 0.12mm (coverage 96%)
- Sheath $\varnothing 5.00 \pm 0.10\text{mm}$

Material

- Inner conductor Plain copper
- Dielectric Foam Polyethylene
- Shield Aluminium+Polyester+Aluminium Tape
- Braid Tinned copper
- Sheath Non-Corrosive Thermoplastic free of halogens sheath

Colour

Black - Ral 9004

Printing

VIMCEL RF195 Halo/Flame

Minimum bending radius

- Single $\varnothing \text{External} \times 5$
- Repeated $\varnothing \text{External} \times 10$

Temperature range

-30°C - +70°C

Cable weight

- Copper 19.9 Kg/Km
- Plastic 19.0 Kg/Km
- Total 39.9 Kg/Km

Proved According to Norm**IEC 60332-3-24 Cat. C**