

Specification

Code-Nr.: 195000RAIL

Photos



Electrical properties

Inner Conductor	CU 0.94 mm
Conductor insulation	Foam PE, Φ 2,79mm
Outer Conductor	Tape AL. + braid CuSn
Braid	90 %
Coating	PE (black)
Impedance	50 Ω
Frequency	5.8 GHz max

Attenuations dB/100m

Frequency [MHz]	Wave attenuation [dB/100m]	Maximum power rate [W]
900	36.5	160
1800	52.5	110
2500	62.4	90
5200	92.9	63

Enviromtal specifications

Installation Temp Range	-40° / +185°F (-40°/+85°C)
Storage Temp Range	-94° / +185°F (-70°/+85°C)
Operating Temp Range	-40° / +185°F (-40°/+85°C)

Mechanical properties

EN Certificates

Dimensions

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

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

Material

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

Colour	Black-RAL9004
Printing	CELCOM RF195 RAIL

Minimum bending radius

Single	\varnothing External x 5
Repeated	\varnothing Esternal x 10

Cable Weight

Copper	19,7	Kg/Km
Plastic	19.0	Kg/Km
Total	38.7 Kg/Km	