

GABREAL GAV 7510 FRNC-C Black / (FRNC/LSZH-C)

Construction

Conductor	Ø1,02 mm Electrolytic annealed solid copper wire
Insulation	Ø4,60 ± 0,10 mm Foamed polyethylene
Tape	Tri-Laminate (Alum-Poly-Alum)
2. Screening	Tinned Copper wire braiding, coverage approx. 95%
Outer sheath	Ø7,0 ± 0,20 mm HFFR compaund / (FRNC/LSZH-C)
Sheath color	Black

Marking GABREAL GAV 7510 FRNC-C LOT CE 0001 m

Electrical properties (at 20 ° C, unless otherwise stated)

Impedance	75 Ω
Nominal capacitance	53 pF/m
Velocity propagation	82%
Inner Conductor DC resistance	nom. 21,0 Ω/km
Outer Sheath DC resistance	nom. 9,20 Ω/km

Frequency (MHz)	Attenuation (dB/100m)
10	2,4
71,5	5,6
135	7,4
270	10,4
360	12,1
540	14,8
720	17,5
750	17,9
1000	20,7
1500	25,6
2250	32,2
3000	37,7

* Values are for informative

Mechanical and thermal properties

Temperature range	-30°C to +70°C
Installation temperature	-5°C to +50°C
Min. bending radius	10 x Cable diameter

Other properties

Flame retardant	IEC 60332-1, IEC 60332-3-24
Halogen free	IEC 60754-1
Smoke density	IEC 61034
CE, RoHS compliant	Yes
Cable weight (approx.)	65,0 kg/km