

GABREAL GAV 7516 FRNC-C

Construction

Conductor	Ø1,63 mm Bare solid copper wire
Insulation	Ø7,20 ± 0,10 mm Foamed polyethylene
Screening	TRI Laminated tape (ALUM+POLY+ALUM) Tinned Copper wire braiding, cov. approx. 95%
Outer sheath	Ø10,20 ± 10% mm HFFR compaund
Outer Sheath color	Black

Marking	GABREAL GAV 7516 FRNC-C LOT CE 0001 m
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Electrical properties (at 20 ° C, unless otherwise stated)

Impedance	75 Ω
Nominal capacitance	53 pF/m
Velocity propagation	78%
Inner Conductor DC resistance	<8,20 Ω/km

Frequency (MHz)	Attenuation Nom. (dB/100m)
1	0,5
10	1,5
135	4,8
1000	14,1
1500	18
2250	22,6
3000	26,9

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 60332-1-2, IEC 60332-3-24 Cat.C
Acidic (Corrosive) gas test	IEC 60754-1/2
Smoke density	IEC 61034
CE, RoHS compliant	Yes