

GABREAL GAV TRIAX 14 CAMERA CABLE FRNC-C

Application

Triax cable is used to interconnect video cameras to related equipment. Triax cables contain two isolated shields and solid center conductor. Isolated shields allow the triax to provide multiple functions over 1 cable through multiplexing techniques, e.g. DC power to camera, intercom to operator, teleprompter feeds, monitoring feeds and even automatic or robotic functions. These cable products have low smoke density, halogen free and they don't emit poisonous gases.

Construction

Conductor	2,20 mm solid bare copper wire
Insulation	Ø9,70 ± 0,05 mm Gas-injected Foam
1 st Screening	Bare coated copper wire braiding, cov. approx. 85%
Inner Sheath	Ø11,90 ± 0,10 PE compaund (Loose tube)
Inner Sheath color	RAL 3000 RED
2 nd Screening	Bare copper wire braiding, cov. approx. 80%
Outer sheath	Ø14,50 ± 10% mm HFFR compaund (loose tube)
Outer Sheath color	RAL 3000 RED

Marking

GABREAL GAV TRIAX 14 CAMERA CABLE FRNC-C LOT CE 0001 m

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

Impedance	75 Ω
Nominal capacitance	54 pF/m
Velocity propagation	82%
Inner Conductor DC resistance	<5,5 Ω/km
Inner Shield DC resistance	nom. 5,0 Ω/km
Outer Shield DC resistance	nom. 4,0 Ω/km

Frequency (MHz)	Attenuation (dB/100m)
1	0,4
10	1,3
20	1,7
40	2,5
50	2,8
60	3,1
100	4,2
300	7,7

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
Acidic (Corrosive) gas test	IEC 60754-1/2
Smoke density	IEC 61034
CE, RoHS compliant	Yes
Cable weight	230 kg/km