



Coaxial cables

class A

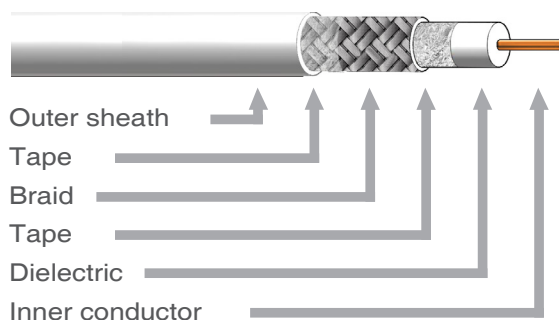
art. 57-820 CAVO SAT DIGITAL

Indoor coaxial cable realized to cover the various needs identified in the TV-SAT signals distribution.

It assures, depending on the necessity, a reduced attenuation combined with a high propagation capability.



Code		57-820
Item		CAVO SAT DIGITAL
Construction data		
Inner conductor	Material Ø mm	Cu 1,13
Dielectric	Material Ø mm	Pee 4,8
Tape	Material	Al/Pet/Al
Braid	Material %	CuSn 80
Tape	Material	Pet
Outer sheath	Material Ø mm	PVC white 6,8
Electrical data		
Impedance	Ohm	75±3
Capacitance	pF/m	52±2
Velocity ratio	%	85
DC resistance	Ohm/Km	18 (int.); 13 (ext.)
Voltage insulation sheath	KV	4,5
Mechanical data		
Copper content	Kg/Km	21,0
Cable weight	Kg/Km	50,8
Min. bending radius	mm	35 (single); 70 (multiple)
Max tensile strength	N	150
Fit temperature	°C	-20 ÷ +70
Attenuation (20°C) dB/100m		
MHz	5	1,4
MHz	50	4,1
MHz	200	8,1
MHz	470	12,6
MHz	862	17,1
MHz	1000	18,5
MHz	1750	25,1
MHz	2150	27,9
MHz	2400	30,2
MHz	3000	33,5
Return Loss dB		
MHz	5÷470	>30
MHz	470÷1000	>28
MHz	1000÷2000	>23
MHz	2000÷3000	>20
Transfer Impedance mOhm/m		
MHz	5÷30	<5
Screening Attenuation dB		
MHz	30÷1000	>85
MHz	1000÷2000	>95
MHz	2000÷3000	>75
Energetic class		A ref. 1022
UE 305/2011 class		Eca
Dop Nr. (Declaration of Performance)		2479 E00554_007
CPR		OF820
Compliant to		EN 50117-2-4; EN 50575: 2014 +A1: 2016



Legend

Al/Pet/Al = Aluminium + Polyester + Aluminium

Cu = Red copper

CuSn = Tinned copper

Pee = Polyethylene physical expansion

Pet = Polyester

PVC = Polyvinyl chloride

