



Coaxial cables

class A

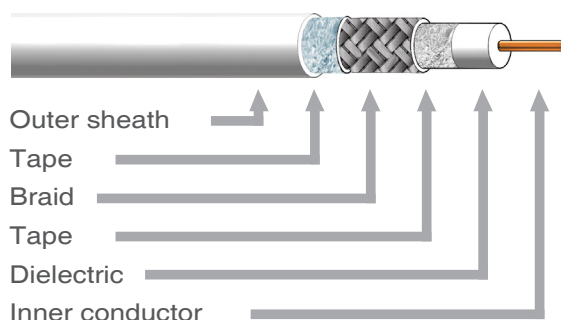
art. 57-829 CAVO SAT 3 SHIELD

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		57-829
Item		CAVO SAT 3 SHIELD
Construction data		
Inner conductor	Material	Cu
	Ø mm	1,13
Dielectric	Material	Pee
	Ø mm	4,8
Tape	Material	Al/Pet/Al
Braid	Material	CuSn
	%	37
Tape	Material	Al/Pet
Outer sheath	Material	PVC white
	Ø mm	6,7
Electrical data		
Impedance	Ohm	75±3
Capacitance	pF/m	52±2
Velocity ratio	%	85
DC resistance	Ohm/Km	18 (int.); 25 (ext.)
Voltage insulation sheath	KV	4,5
Mechanical data		
Copper content	Kg/Km	13,6
Cable weight	Kg/Km	43,5
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	1,5
MHz	50	4,3
MHz	200	8,1
MHz	470	12,6
MHz	862	17,4
MHz	1000	18,9
MHz	1750	25,4
MHz	2150	28,5
MHz	2400	30,2
MHz	3000	34,0
Return Loss dB		
MHz	5+470	>30
MHz	470+1000	>26
MHz	1000+2000	>20
MHz	2000+3000	>18
Transfer Impedance mOhm/m		
MHz	5÷30	<15
Screening Attenuation dB		
MHz	30÷1000	>85
MHz	1000÷2000	>80
MHz	2000÷3000	>75
Energetic class		
UE 305/2011 class		Eca
Dop Nr. (Declaration of Performance)		2479 E00554 007
CPR		OF829
Compliant to		EN 50117-2-4; EN 50575: 2014 + A1: 2016



Legend

Al/Pet/Al = Aluminium + Polyester
 Al/Pet/Al = Aluminium + Polyester + Aluminium
 Cu = Red copper
 CuSn = Tinned copper
 Pee = Polyethylene physical expansion
 PVC = Polyvinyl chloride

