



Coaxial cables

class A++

art. 57-815 CAVO SAT

Outdoor use/direct-burial 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		57-815
Item		CAVO SAT
Construction data		
Inner conductor	Material	Cu
	Ø mm	1,63
Dielectric	Material	Pee
	Ø mm	7,2
Tape	Material	Al/Pet Bonded
Braid	Material	CuSn
	%	65
Tape	Material	Al/Pet J-Tape
Outer sheath	Material	PE black
	Ø mm-	10,2
Electrical data		
Impedance	Ohm	75±3
Capacitance	pF/m	52±2
Velocity ratio	%	84
DC resistance	Ohm/Km	8,5 (int.); 7,5 (ext.)
Voltage insulation sheath	KV	5
Mechanical data		
Copper content	Kg/Km	35,4
Cable weight	Kg/Km	81
Min. bending radius	mm	100
Max tensile strength	N	300
Fit temperature	°C	-40 ÷ +70
Attenuation (20°C) dB/100m		
MHz	5	1,1
MHz	50	2,8
MHz	200	5,7
MHz	470	9,1
MHz	862	12,3
MHz	1000	13,1
MHz	1750	18,5
MHz	2150	20,8
MHz	2400	22,3
MHz	3000	25,5
Return Loss dB		
MHz	5÷470	>28
MHz	470÷1000	>26
MHz	1000÷2000	>23
MHz	2000÷3000	>18
Transfer Impedance mOhm/m		
MHz	5÷30	<0,8
Screening Attenuation dB		
MHz	30÷1000	>120
MHz	1000÷2000	>110
MHz	2000÷3000	>100
Energetic class		A++ ref. 1302
UE 305/2011 class		Fca
Dop Nr. (Declaration of Performance)		2000_0001
CPR		OF815
Compliant to		EN 50117-2-5; EN 50575: 2014 + A1: 2016



Outer sheath
Tape
Braid
Tape
Dielectric
Inner conductor

Legend

Al/Pet Bonded = Aluminium + Polyester glued on dielectric
 Al/Pet J-Tape = Aluminium + high shielding Polyester
 Cu = Red copper
 CuSn = Tinned copper
 PE = Low density polyethylene
 Pee = Polyethylene physical expansion

