



50 Ohm coaxial cables

for mobile signals

art. 39-626 T-CAVO 50-7

Indoor coaxial cable, for connecting the various elements of a mobile telephone system.

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

Sold by the meter.



Code		39-626
Item		T-CAVO 50-7
Construction specifications		
Inner conductor	Material	Cu
	Ø mm	1,40
Dielectric	Material	PEG/PE
	Ø mm	3,80
Tape	Material	Al/Pet/Al
Braid	Material	CuSn
	%	78
Outer sheath	Material	Black PVC
	Ø mm	6,10
Electrical data		
Impedance	Ohm	50 ±2
Capacitance	pF/m	82
Velocity ratio	%	80
DC resistance	Ohm/Km	11,20 (int.); 12,40 (ext.)
Voltage insulation sheath	KV	5
Mechanical data		
Cable weight	Kg/Km	49,40
Min. bending radius	mm	60
Max tensile strength	N	360
Fit temperature	°C	-40 ÷ +80
Attenuation (20°C) dB/100m		
MHz	50	5,4
MHz	150	9,2
MHz	220	11,20
MHz	450	16,20
MHz	900	23,30
MHz	1500	30,70
MHz	1800	33,90
MHz	2000	35,90
MHz	2500	40,60
MHz	5800	65,20
Return Loss dB		
MHz	5÷470	>30
MHz	470÷1000	>28
MHz	1000÷2000	>26
MHz	2000÷3000	>22
Screening Attenuation dB		
MHz	30÷3000	>90



Outer sheath

Braid

Tape

Dielectric

Inner conductor

Legend

Al/Pet/Al = Aluminium + Polyester + Aluminium

Cu = Red copper

CuSn = Tinned copper

PEG = Gas expanded polyethylene

PE = Low density polyethylene

PVC = Polyvinyl chloride

