



50 Ohm coaxial cables for mobile signals

art. 39-625 T-CAVO 50-10

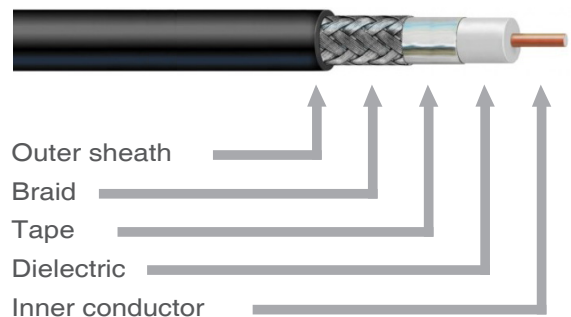
Indoor coaxial cable, for connecting the various elements of a mobile telephone system.

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

Sold by the meter.



Code	39-625	
Item	T-CAVO 50-10	
Construction specifications		
Inner conductor	Material	Solid BCCAl
	Ø mm	2,74
Dielectric	Material	PE
	Ø mm	7,24
Tape	Material	Al
Braid	Material	CuSn
	%	32
Outer sheath	Material	black LSZH
	Ø mm	10,3
Electrical data		
Impedance	Ohm	50
Capacitance	pF/m	78,4
Velocity ratio	%	85
DC resistance	Ohm/Km	46 (int.); 54 (ext.)
Voltage insulation sheath	KV	16
Mechanical data		
Cable weight	Kg/Km	100
Min. bending radius	mm	25 (one); 101,6 (more)
Max tensile strength	N	72,6
Fit temperature	°C	-40 ÷ +85
Attenuation (20°C) dB/100m		
MHz	30	2,2
MHz	50	2,9
MHz	150	5,0
MHz	220	6,1
MHz	450	8,9
MHz	900	12,8
MHz	1500	16,8
MHz	1800	18,6
MHz	2000	19,6
MHz	2500	22,2
MHz	5800	35,5
Return Loss dB		
MHz	5÷470	>30
MHz	470÷1000	>26
MHz	1000÷2000	>20
MHz	2000÷3000	>18
Screening Attenuation dB		
MHz	30÷1000	>75
MHz	1000÷2000	>80
MHz	2000÷3000	>70



Legend

Al = Aluminium
 BCCAl = Aluminum covered with bare copper
 CuSn = Tinned copper
 PE = Low density polyethylene
 LSZH = Low smoke emission - Zero Halogen

