



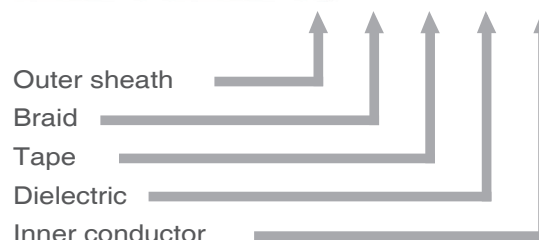
## 50 Ohm coaxial cables with connectors T-C N/N series

### art. 39-621 T-C10 N/N mt.50

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.  
Equipped with two male N connectors.



Code	39-621	
Item	T-C10 N/N mt.50	
<b>Characteristics</b>		
Length	mt.	50
Connectors		Male N type
Connectors Ø	mm	22
<b>Construction specifications</b>		
Inner conductor	Material Ø mm	Solid BCCAI 2,74
Dielectric	Material Ø mm	PE 7,24
Tape	Material	Al
Braid	Material %	CuSn 32
Outer sheath	Material Ø mm	black PE 10,29
<b>Electrical data</b>		
Impedance	Ohm	50
Capacitance	pF/m	78,4
Velocity ratio	%	85
DC resistance	Ohm/Km	46 (int.); 54 (ext.)
Voltage insulation sheath	KV	16
<b>Mechanical data</b>		
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
<b>Attenuation (20°C) dB/100m</b>		
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
<b>Return Loss dB</b>		
MHz	5÷470	>30
MHz	470÷1000	>26
MHz	1000÷2000	>20
MHz	2000÷3000	>18
<b>Screening Attenuation dB</b>		
MHz	30÷1000	>75
MHz	1000÷2000	>80
MHz	2000÷3000	>70



#### Legend

Al = Aluminium  
BCCAI = Aluminum covered with bare copper  
CuSn = Tinned copper  
PE = Low density polyethylene

