



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

### art. 39-615N/SMA T-C6 N/SMA mt.10

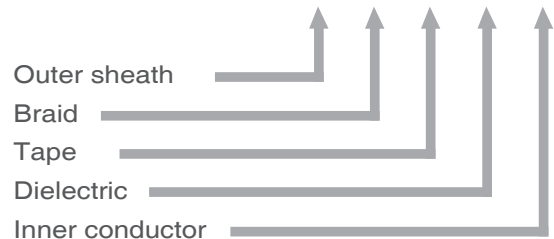
Indoor coaxial cable, for connecting the various elements of a mobile telephone system.

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

Equipped with one male N connector and one SMA connector.



Code		39-615N/SMA
Item		T-C6 N/SMA mt.10
<b>Characteristics</b>		
Length	mt.	10
Connectors		Male N type and male SMA type
Connectors Ø	mm	22 (N) and 10 (SMA)
<b>Construction specifications</b>		
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
<b>Electrical data</b>		
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
<b>Mechanical data</b>		
Cable weight	Kg/Km	49,40
Min. bending radius	mm	60
Max tensile strength	N	360
Fit temperature	°C	-40 ÷ +80
<b>Attenuation (20°C) dB/100m</b>		
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
<b>Return Loss dB</b>		
MHz	5+470	>30
MHz	470+1000	>28
MHz	1000+2000	>26
MHz	2000+3000	>22
<b>Screening Attenuation dB</b>		
MHz	30+3000	>90



#### Legend

Al/Pet/Al = Aluminium + Polyester + Aluminium  
 Cu = Red copper  
 CuSn = Tinned copper  
 PEG = Gas expanded polyethylene  
 PE = Low density polyethylene  
 PVC = Polyvinyl chloride

