



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

art. 39-616SMA T-C7 SMA/SMA mt.15

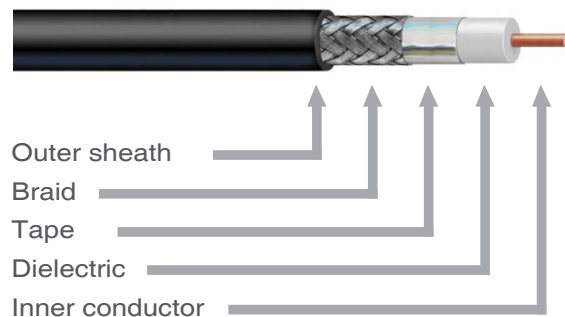
Indoor coaxial cable, for connecting the various elements of a mobile telephone system.

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

Equipped with two male SMA connectors.



Code	39-616SMA	
Item	T-C7 SMA/SMA mt.15	
Characteristics		
Length	mt.	15
Connectors	SMA/SMA maschio	
Connectors Ø	mm	10
Construction specifications		
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
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/Pet/Al = Aluminium + Polyester + Aluminium
 Cu = Red copper
 CuSn = Tinned copper
 PEG = Gas expanded polyethylene
 PE = Low density polyethylene
 PVC = Polyvinyl chloride

