N 35 B B 3 PVC
75 Ohm Coaxial Cable
Drop Cable

Rev. July 7th 2005

Construction and Dimensions

		materials	dimensions mm	tollerance mm
A.	**Inner conductor :** Solid soft annealed copper	**Cu**	0,80	±0,012
B.	**Dielectric :** Foam polyethylene gas injected	**PEE gas**	3,50	±0,05
C.	**Outer conductor**	**A-P-A-Cop**		
	Foil : Aluminum/Polyester/Aluminum/Copolymer		100%	
	Bonded to the dielectric			
D.	**Braid :** Tinned copper wire	**CuSn**		
	Coverage : Visual coverage		40%	
E.	**Foil :** nastro Alluminum/Polyestere S Folded	**Al2-S**	100%	
	Bonded to the sheath			
F.	**Sheath**	**Pvc**	5,00	±0,10
	Not contamining PVC lead free UV resistant			

Electrical Characteristics

Impedance :		75±1	Ω
Capacitance :		53±1	pF/m
Velocity ratio :		83	%
Voltage test of dielectric :		2	kVdc
Voltage test of sheath :		2	kVdc
Resistance at 20° C	Inner conductor	34	Ω/km
	Outer conductor	17	Ω/km

Attenuation at 20° C

MHz	dB/100m	MHz	dB/100m	MHz	dB/100m	MHz	dB/100m
50	5,6	862	23,4	1750	34,1	3000	45,7
200	10,9	1000	25,3	2150	38,1		
450	16,6	1350	29,6	2400	40,4		

Return Loss SRL

5-470	MHz	> 35 dB
470-1000	MHz	> 33 dB
1000-3000	MHz	> 30 dB

5-30	MHz	< 2 mOhm/m

Screening Efficiency

30-1000	MHz	> 120 dB
1000-2000	MHz	> 110 dB
2000-3000	MHz	> 100 dB

Mechanical Characteristics

Minumum static bending radius :	30/60	mm
Total weight :	30,30	g/m
Operating temperature :	-40°C to +70°C	

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