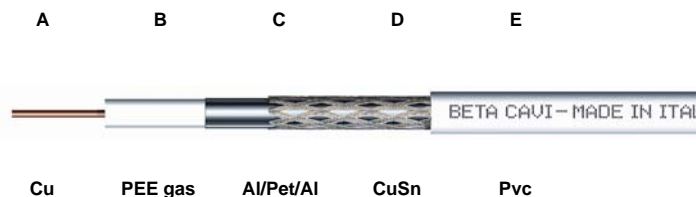




N 48 H PVC 75 Ohm Coaxial Cable Drop Cable



Rev. 15 February 2005



Construction and Dimensions

	materials	dimensions mm	tolerance mm
A. Inner conductor : Solid soft annealed copper	Cu	1,13	±0,016
B. Dielectric : Foam polyethylene gas injected	PEE gas	4,80	±0,05
C. Outer conductor Foil : Aluminum/Polyester/Aluminum	Al/Pet/Al	100%	
D. Braid : Tinned copper wire Coverage : Visual coverage	CuSn	70%	
E. Sheath Not contaminating PVC lead free UV resistant	Pvc	6,80	±0,10

Electrical Characteristics

Impedance :		75±2	Ω
Capacitance :		54±2	pF/m
Velocity ratio :		0,85	pF/m
Voltage test of dielectric :			kVdc
Voltage test of sheath :			kVdc
Resistance at 20° C	Inner conductor	17	Ω/km
	Outer conductor	13	Ω/km

Attenuation at 20° C

MHz	dB/100m	MHz	dB/100m	MHz	dB/100m	MHz	dB/100m
50	4,1	862	16,9	1750	24,8	3000	33,4
200	7,8	1000	18,3	2150	27,7		
450	12,0	1350	21,5	2400	29,5		

Return Loss SRL

30-470	MHz	> 30 dB
470-862	MHz	> 28 dB
862-2400	MHz	> 26 dB

Screening Efficiency

5-30	MHz	> 75 dB
30-1000	MHz	> 90 dB
1000-2400	MHz	> 85 dB

Mechanical Characteristics

Minimum static bending radius :	35/70	mm
Total weight :	49,00	g/m
Operating temperature :	-40°C to +70°C	



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