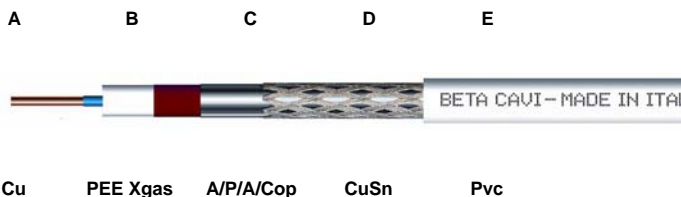




NX 35H Bond PVC 75 Ohm Coaxial Cable Drop Cable



Rev. 14 June 2005



Construction and Dimensions

	materials	dimensions mm	tolerance mm
A. Inner conductor : Solid soft annealed copper	Cu	0,80	±0,012
B. Dielectric : Foam polyethylene Xgas injected	PEE Xgas	3,50	±0,05
C. Outer conductor Foil : Aluminum/Polyester/Aluminum/Copolymer Bonded to the dielectric	A-P-A-Cop	100%	
D. Braid : Tinned copper wire Coverage : Visual coverage	CuSn	70%	
E. Sheath Not contaminating PVC lead free UV resistant	Pvc	5,00	±0,10

Electrical Characteristics

Impedance :		75±1	Ω
Capacitance :		53±2	pF/m
Velocity ratio :		83	%
Voltage test of sheath :		2	kVdc
Resistance at 20° C	Inner conductor	34	Ω/km
	Outer conductor	19	Ω/km

Attenuation at 20° C

MHz	dB/100m	MHz	dB/100m	MHz	dB/100m	MHz	dB/100m
50	5,6	862	23,2	1750	33,7	3000	45,0
200	10,9	1000	25,1	2150	37,6		
450	16,6	1350	29,4	2400	39,9		

Return Loss SRL

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

Transfer Impedance

5-30	MHz	< 5 mOhm/m
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Screening Efficiency

30-1000	MHz	> 90 dB
1000-2000	MHz	> 85 dB
2000-3000	MHz	> 75 dB

Mechanical Characteristics

Minimum static bending radius :	25/50	mm
Total weight :	26,90	g/m
Operating temperature :	-40°C to +70°C	

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