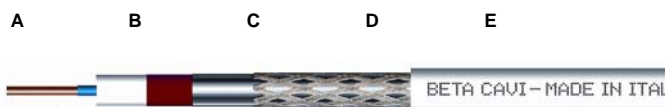




NX 48 Bond PVC 75 Ohm Coaxial Cable Drop Cable



Rev. 14 June 2005



Cu PEE Xgas A/P/A/Cop CuSn Pvc

Construction and Dimensions

	materials	dimensions mm	tolerance mm
A. Inner conductor : Solid soft annealed copper	Cu	1,13	±0,016
B. Dielectric : Foam polyethylene Xgas injected	PEE Xgas	4,80	±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	45%	
E. Sheath Not contaminating PVC lead free UV resistant	Pvc	6,80	±0,10

Electrical Characteristics

Impedance :		75±1	Ω
Capacitance :		52±1	pF/m
Velocity ratio :		85	%
Voltage test of sheath :		2	kVdc
Resistance at 20° C	Inner conductor	17	Ω/km
	Outer conductor	20	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	24,6	3000	33,0
200	7,9	1000	18,2	2150	27,5		
450	12,0	1350	21,4	2400	29,2		

Return Loss SRL

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

Transfer Impedance

5-30	MHz	< 15 mOhm/m
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Screening Efficiency

30-1000	MHz	> 80 dB
1000-2000	MHz	> 80 dB
2000-3000	MHz	> 70 dB

Mechanical Characteristics

Minimum static bending radius :	35/70	mm
Total weight :	43,80	g/m
Operating temperature :	-40°C to +70°C	

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