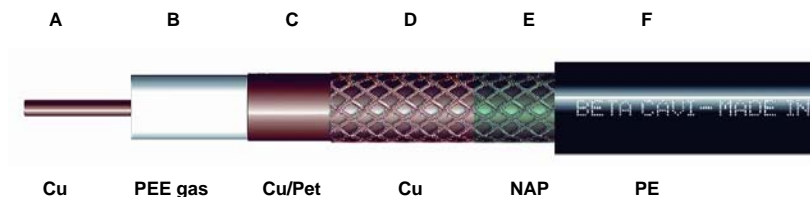




NAP 115 CU PE 75 Ohm Coaxial Cable Trunk Cable



Rev. 01 March 2005



Construction and Dimensions

	materials	dimensions mm	tolerance mm
A. Inner conductor : Solid soft annealed copper	Cu	2,70	±0,02
B. Dielectric : Foam polyethylene gas injected	PEE gas	11,50	±0,10
C. Outer conductor Foil : Copper/Polyester	Cu/Pet	100%	
D. Braid : Bare copper wire Coverage : Visual coverage	Cu	52%	
E. Protection : NAP	NAP		
F. Sheath PE UV resistant	PE	15,00	±0,20

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Electrical Characteristics

Impedance :	75±2	Ω
Capacitance :	52±2	pF/m
Velocity ratio :	85	%
Voltage test of dielectric :	2	kVdc
Voltage test of sheath :	2	kVdc
Resistance at 20° C	Inner conductor	3,0 Ω/km
	Outer conductor	6,0 Ω/km

Attenuation at 20° C

MHz	dB/100m	MHz	dB/100m	MHz	dB/100m	MHz	dB/100m
50	1,6	862	7,5	1750	11,4	3000	15,8
200	3,4	1000	8,2	2150	12,9		
450	5,2	1350	9,8	2400	13,8		

Return Loss SRL

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

Screening Efficiency

5-30	MHz	> 85 dB
30-1000	MHz	> 95 dB
1000-2400	MHz	> 90 dB

Mechanical Characteristics

Minimum static bending radius :	150	mm
Total weight :	175,30	g/m
Operating temperature :	-40°C to +70°C	



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