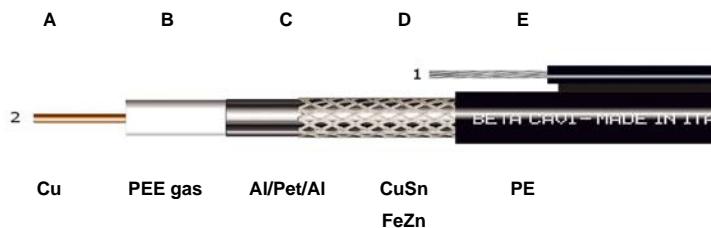




N 71 AL PE MSN 75 Ohm Coaxial Cable Distribution Cable



Rev. July 15th 2005



Construction and Dimensions

	materials	dimensions mm	tolerance mm
A. Inner conductor : Solid soft annealed copper	Cu	1,63	±0,02
B. Dielectric : Foam polyethylene gas injected	PEE gas	7,10	±0,10
C. Outer conductor Foil : Aluminum/Polyester/Aluminum	Al/Pet/Al	100%	
D1. Messenger : Stranded Galvanised steel Breaking strenght max 500Kg.	(FeZn)	7x0,8	
D2. Braid : Tinned copper wire Coverage : Visual coverage	CuSn	40%	
E. Sheath PE UV resistant Max. cable tensile strenght	PE N	9,8+4,5 1176	±0,20

BETA CAVI

Electrical Characteristics

Impedance :	75±2	Ω
Capacitance :	54±2	pF/m
Velocity ratio :	82	%
Voltage test of dielectric :	2	kVdc
Voltage test of sheath :	2	kVdc
Resistance at 20° C	Inner conductor	8,5 Ω/km
	Outer conductor	16 Ω/km

Attenuation at 20° C

MHz	dB/100m	MHz	dB/100m	MHz	dB/100m	MHz	dB/100m
50	2,9	862	12,1	1750	18,0	3000	24,5
200	5,5	1000	13,1	2150	20,2		
450	8,5	1350	15,5	2400	21,5		

Return Loss SRL

5-470	MHz	> 30 dB
470-1000	MHz	> 28 dB
1000-3000	MHz	> 26 dB

Transfer Impedance

5-30	MHz	< 15 mOhm/m	30-1000	MHz	> 80 dB
			1000-2000	MHz	> 75 dB
			2000-3000	MHz	> 65 dB

Mechanical Characteristics

Minumum static bending radius :	100	mm
Total weight :	114,00	g/m
Operating temperature :	-40°C to +70°C	



VRHNIKA

PODJETJE ZA PROIZVODNJO,
TRGOVINO, STORITVE IN INŽENIRING
POD HRUŠEVCO 30, 1360 VRHNIKA
www.pro-saf.si pro.saf@siol.net

TEL: 01/750 28 28
FAX: 01/750 28 29

COAXIAL AND SPECIAL CABLES MANUFACTURING