


KOAXIALKABEL AL92

Inner conductor	CU		$\Phi =$	0,7	\pm	0,02	mm
Dielectric	Pee/PH		$\Phi =$	2,9	\pm	0,1	mm
Alluminium/polyester/Alluminium foil (h =13 mm)	Al/Pet/Al						
Tinned copper braid (96 wires $\Phi = 0,10$ mm) Structure 16 x 6 x 0,10	Cu-sn						
Pitch Coverage	60 mm 73%						
Polyester foil (h=13 mm)	pet						
WHITE Pvc outer sheath (RoHS Compliant)	PVC		$\Phi =$	4,3	\pm	0,2	mm

Electrical Performance

Characteristic impedance	75	\pm	3	Ω
Capacitance	54,0	\pm	2	pF/mt
Velocity ratio	85%			
Inner DC resistance	\leq		46	Ω /km
Outer DC resistance	\leq		21	Ω /km
Nominal Attenuation (20 °C)				
	MHz	dB/100mt	MHz	dB/100mt
	50	7,2	1750	41,5
	200	13,5	2150	46,3
	470	20,8	2400	49,0
	800	27,6	3000	54,7
	1000	30,9		
Return Loss (SRL)				
	[5	470]	MHz	> 26 dB
	[470	1000]	MHz	> 20 dB
	[1000	2000]	MHz	> 16 dB
	[2000	3000]	MHz	> 16 dB
Transfer Impedance				
	[5	30]	MHz	\leq 5 m Ω /mt
Screening attenuation				
	[30	300]	MHz	> 85 dB
	[300	1000]	MHz	> 100 dB
	[1000	2000]	MHz	> 90 dB
	[2000	3000]	MHz	> 85 dB

Mechanical Performance

Min. setting radius	25	mm
Total weight	22,8	Kg/Km
Copper weight	10,4	Kg/km
Std.:	EN 50117-2-4	