

Triax mini and multi cable for indoor use



Technical data on indoor mini cable and 18 multi 5 cable

TYPE			Mini cable Double shielded			18 multi 5 cable Triple shielded		
Colour			White PVC	Grey PVC	Black PVC	White PVC	Grey PVC	Black PVC
Art. No.	Cardboard roll	100 m	150000			150075 on wood reel		
	Cardboard roll	200 m						
	Plastic reel	100 m						
	Plastic reel	250 m						
	Plastic reel	500 m						
Centre conductor		Ø mm	0.41			1.02		
Centre conductor material			Cu blank			Cu blank		
Isolation		Ø mm	1.9			4.8		
Dielectric			PEE foamed			PEE foamed		
Screen			AL/PET			AL/PET/AL		
		µm						
Braid	- material		CuSn			CuSn		
	- construction	Ø mm						
	- coverage	%	58.0			40		
Screening attenuation		dB						
Anti migration foil		µm						
Outer sheath			PVC			PVC		
Minimum bending radius		Ø mm	20	100				
Diameter		Ø mm	3.6	20.5				
Application			Indoor	Indoor				
Electrical data								
Impedance		Ohm	75	75				
Capacitance		pF/m	56	52				
Velocity ratio		%	82	84				
Centre conductor dc resistance		Ohm/km	32	22				
Outer conductor dc resistance		Ohm/km	32	26				
Attenuation (at 20°C)								
@ 5 MHz		dB/100m	1.5	1.5				
@ 50 MHz		dB/100m	11.0	4.6				
@ 200 MHz		dB/100m	21.0	9.0				
@ 470 MHz		dB/100m	33.9	14.4				
@ 600 MHz		dB/100m	37.1	16.3				
@ 800 MHz		dB/100m	44.0	18.8				
@ 1000 MHz		dB/100m	49.9	21.1				
@ 1350 MHz		dB/100m	58.0	24.6				
@ 1750 MHz		dB/100m	66.0	28.0				
@ 2050 MHz		dB/100m	80.5	30.3				
@ 2400 MHz		dB/100m	87.1	32.9				
Structural Return Loss (SRL)								
@ 5-470 MHz		dB	> 20.0	> 30.0				
@ 470-862 MHz		dB	> 18.0	> 25.0				
@ 862-2400 MHz		dB	> 16.0	> 20.0				
Approval								
EN 50117/CEI 46-1/CEI 12-15			Yes/Yes/Yes		Yes/Yes/Yes			