

Triax KOKA cable for indoor use



KOKA 6/6 CCS is a low cost universal coaxial cable for TV broadcast in-house cabling

The low attenuation predestine the cable for use of SAT-IF especially and SMATV applications without any return path services as well.

Technical data on KOKA 6 and 6 CCS indoor cable

TYPE		KOKA 6 Double shielded		KOKA 6 CCS Double shielded	
Colour		White PVC	Grey PVC	White PVC	Grey
Art. No.	Coil	100 m	150120		
	Reel	100 m	150121	150131	
	Reel	250 m	150122		
	Drum	500 m			
	Drum (1000 feet)	305 m			150144
Centre conductor	Ø mm	1.02		1.02	
Centre conductor material		Cu blank		Cu clad steel	
Isolation	Ø mm	4.8		4.8	
Dielectric		PE foamed		PE foamed	
Screen		AL/P/AL		TC/P/TC	
	µm	9/12/9		9/12/9	
Braid	- material	16x4x0.12		16x4x0.12 - CuSn	
	- construction	Ø mm	AL 5.4	5.4	
	- coverage	%	> 43	> 40	
Screening attenuation	dB	85		75-85	
Anti migration foil	µm	12		12	
Outer sheath		PVC		PVC	
Minimum bending radius	Ø mm	35/70		35/70	
Diameter	Ø mm	6.8		6.8	
Application		Indoor		Indoor	
Electrical data					
Impedance	Ohm	75		75	
Capacitance	pF/m	52		52	
Velocity ratio	%	81		84	
Centre conductor dc resistance	Ohm/km	22.4			
Outer conductor dc resistance	Ohm/km	35.5			
Attenuation (at 20°C)					
@ 5 MHz	dB/100m	1.5		1.5	
@ 50 MHz	dB/100m	4.6		4.6	
@ 100 MHz	dB/100m	6.3			
@ 200 MHz	dB/100m	9.0		9.0	
@ 400 MHz	dB/100m	13.3			
@ 800 MHz	dB/100m	18.8		18.8	
@ 862 MHz	dB/100m	19.5			
@ 1000 MHz	dB/100m	21.1		21.1	
@ 1600 MHz	dB/100m	26.6			
@ 2150 MHz	dB/100m	30.8		30.8	
@ 2400 MHz	dB/100m	32.9		32.9	
Structural Return Loss (SRL)					
@ 5-470 MHz	dB	> 28.0		> 28.0	
@ 470-862 MHz	dB	> 25.0		> 25.0	
@ 862-2400 MHz	dB	> 20.0		> 20.0	
Approval					
EN 50117/CEI 46-1/CEI 12-15		Yes/Yes/Yes		Yes/Yes/Yes	