

Class B Drop Coaxials

Physical Specifications	SAT 501	SAT 501N	SAT50M	SAT50MN	SAT 703B	SAT 703N	KF114
	Dia.(mm)	Dia.(mm)	Dia.(mm)	Dia.(mm)	Dia.(mm)	Dia.(mm)	Dia.(mm)
Inner conductor	0.80±0.02 CU	0.80±0.02 CU	1.00±0.02 CU	1.00±0.02 CU	1.13±0.02 CU	1.13±0.02 CU	1.13±0.02 CU
Dielectric	3.5±0.1 FPE	3.5±0.1 FPE	4.8±0.15 FPE	4.8±0.15 FPE	4.8±0.1 FPE	4.8±0.1 FPE	4.8±0.1 FPE
First Shield	APA Foil	APA Foil	AL Foil	AL Foil	APA Foil	APA Foil	Cu/Pet Foil
Second Shield	47% cun	47% cun	37% cun	37% cun	45% cun	45% cun	37% cu
Jacket (PVC lead-free)	5.0±0.1 White	5.0±0.1 Black	6.6±0.1 White	6.6±0.1 Black	6.6±0.1 White	6.6±0.1 Black	6.6±0.1 White

Electrical Specifications

Characteristic Impedance @200MHz	75±3Ω	75±3Ω	75±3Ω	75±3Ω	75±3Ω	75±3Ω	75±3Ω
Nominal Velocity of propagation	85%	85%	82%	82%	85%	85%	85%
Nominal Capacitance	52±2pF/m	52±2pF/m	54±2pF/m	54±2pF/m	53±2pF/m	53±2pF/m	52±2pF/m
Sparker Test(VAC)	2500	2500	3000	3000	3000	3000	3000
Structural return loss(SRL)							
5-470MHz	>30dB	>30dB	>30dB	>30dB	>30dB	>30dB	>30dB
470-1000MHz	>28dB	>28dB	>28dB	>28dB	>28dB	>28dB	>28dB
1000-2000MHz	>26dB	>26dB	>26dB	>26dB	>26dB	>26dB	>26dB
2000-3000MHz	>22dB	>22dB	>22dB	>22dB	>22dB	>22dB	>22dB
Screening Attenuation(SA)	Class B	Class B	Class B	Class B	Class B	Class B	Class B
30-100MHz	>80dB	>80dB	>75dB	>75dB	>80dB	>80dB	>75dB
1000-200MHz	>80dB	>80dB	>80dB	>80dB	>80dB	>80dB	>85dB
2000-3000MHz	>75dB	>75dB	>67dB	>67dB	>70dB	>70dB	>75dB

Shield Transfer Impedance

5-30MHz	< 15 mOhm/m	< 15 mOhm/m	< 15 mOhm/m	< 15 mOhm/m	< 15 mOhm/m	< 15 mOhm/m	< 15 mOhm/m
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Attenuation @ 68°F (20°C)

Frequency(MHz)	Attenuation(dB/100M)	Attenuation(dB/100M)	Attenuation(dB/100M)	Attenuation(dB/100M)	Attenuation(dB/100M)	Attenuation(dB/100M)	Attenuation(dB/100M)
5	2.3	2.3	2	2	1.6	1.6	1.4
10	2.8	2.8	2.8	2.8	2.1	2.1	2
30	4.6	4.6	3.8	3.8	3.2	3.2	3
50	5.6	5.6	4.6	4.6	4.1	4.1	3.7
200	10.9	10.9	8.6	8.6	7.9	7.9	7.8
300	13.7	13.7	10.5	10.5	9.8	9.8	9.6
470	17.4	17.4	13.6	13.6	12.4	12.4	11.9
862	23.3	23.3	18.8	18.8	17.1	17.1	16.5
1000	25.2	25.2	20.4	20.4	18.5	18.5	17.8
1750	34	34	27.8	27.8	24.9	24.9	24.2
2150	38.2	38.2	31.1	31.1	27.9	27.9	27.1
2400	40.4	40.4	33.3	33.3	29.6	29.6	28.8
3000	44.2	44.2	37.7	37.7	33.4	33.4	32.6

Printing:

TIANJIECABLE® COAXIAL CABLE (ITEM NAME) MADE IN CHINA 75 Ohm EN50117-2-4 CEI-UNEL 36762 C-4 (U0 =400V)

CLASS B (Quality Tracking No) ***M

