

Class A/A+ Digital Drop Coaxials

Physical Specifications	DG70	DG80	DG125	QR100BL	17VATC	RP61B	DG113	SAT752F
	Dia.(mm)	Dia.(mm)	Dia.(mm)	Dia.(mm)	Dia.(mm)	Dia.(mm)	Dia.(mm)	Dia.(mm)
Inner conductor	0.7±0.02 CU	0.80±0.02 CU	1.25±0.02 CU	1.00±0.02 CU	1.13±0.02 CU	1.0±0.02 CU	1.13±0.02 CU	1.13±0.02 CU
Dielectric	2.9±0.1 FPE	3.5±0.1 FPE	5.2±0.1 FPE	4.75±0.1 FPE	4.8±0.1 FPE	4.8±0.1 FPE	4.8±0.1 FPE	4.8±0.1 FPE
First Shield	APA Foil	APA Foil	APA Foil	CU/PET Foil	APA Foil	Bonded AP Foil	APA Foil	Cu/Pet Foil
Second Shield	73% cusn	65% cusn	64% cusn	53% cu	45% cusn	53% cusn	72% cusn	72% cu
Jacket (PVC lead-free)	4.30±0.1	5.0±0.1 White	7.3±0.1 Black PE	6.65±0.1	6.8±0.1	6.6±0.1	6.6±0.1	6.6±0.1

Electrical Specifications

Characteristic Impedance @200MH	75±3Ω	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%	85%
Nominal Capacitance	52±2pF/m	52±2pF/m	52±2pF/m	54±2pF/m	52±2pF/m	54±2pF/m	53±2pF/m	52±2pF/m
Sparker Test(VAC)	2500	2500	3000	3000	3000	3000	3000	3000
Structural return loss(SRL)								
5-470MHz	>30dB	>30dB	>30dB	>30dB	>30dB	>30dB	>30dB	>30dB
470-1000MHz	>28dB	>28dB	>28dB	>28dB	>28dB	>28dB	>28dB	>28dB
1000-2000MHz	>26dB	>26dB	>26dB	>26dB	>26dB	>26dB	>26dB	>26dB
2000-3000MHz	>22dB	>22dB	>22dB	>22dB	>22dB	>22dB	>22dB	>22dB
Screening Attenuation(SA)	Class A	Class A	Class A	Class A	Class A	Class A+	Class A+	Class A+
30-100MHz	>90dB	>90dB	>90dB	>85dB	>85dB	>95dB	>95dB	>95dB
1000-200MHz	>85dB	>80dB	>90dB	>90dB	>80dB	>90dB	>90dB	>85dB
2000-3000MHz	>70dB	>70dB	>90dB	>85dB	>70dB	>85dB	>85dB	>75dB
Shield Transfer Impedance								
5-30MHz	< 5 mOhm/m	< 5 mOhm/m	< 5 mOhm/m	< 5 mOhm/m	< 5 mOhm/m	< 2.5 mOhm/m	< 2.5 mOhm/m	< 2.5 mOhm/m

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)	Attenuation(dB/100M)
5	2.5	2.1	1.4	1.5	1.6	1.7	1.6	1.4
10	3.5	3	2	2.1	2.1	2.3	2.3	2
30	5.2	4.4	2.9	3.2	3.2	3.5	3.2	2.9
50	6.7	5.7	3.7	4.1	4.1	4.5	4.1	3.8
200	13	11	7.3	8.4	7.9	8.7	8	7.7
300	15.9	13.5	9	10.3	9.8	10.7	9.8	9.4
470	20.2	16.8	11.5	13.2	12.4	13.6	12.4	12.1
862	27.8	23	15.9	18.2	17.1	18.8	17.1	16.7
1000	29.9	24.9	17.2	19.8	18.5	20.3	18.5	18
1750	40.3	33.4	23.1	26.9	24.9	27.6	24.9	24.5
2150	45	37.4	25.8	30	27.9	30.9	27.9	27.5
2400	47.9	39.6	27.4	31.7	29.6	32.8	29.6	29
3000	53.7	44.8	31	36.5	33.4	37.2	33.4	33

Printing:

TIANJIECABLE® COAXIAL CABLE (ITEM NAME) MADE IN CHINA 75 Ohm EN50117-2-4 CEI-UNEL 36762 C-4 (U0 =400V)
CLASS A/A+ (Quality Tracking No) ****M

