

AUTOMOTIVE - CIA (Swallow) Co Axial Cables



Part number	Cable type	Inner conductor (mm)	Dielectric (mm)	Shield (foil/braid) (mm)	Coverage	Jacket (mm)	Capacitance (pF/m)	Impedance (ohm)	Attenuation (100m)
A0001	RTK031 105degC	BC 7x0.27	Foam PE&PP 2.1+/-0.1	Al foil TC 2.6+/- 0.1	90%	PVC 3.3+/- 0.1	82+/-6	50+/-3	56 @1000MHz
A0002	RTK031 105degC	BC 7x0.27	Foam PE&PP 2.1+/-0.1	Al foil TCCA 2.7+/-0.1	90%	PVC 3.4+/- 0.1	82+/-6	50+/-3	56 @1000MHz
A0003	RTK031 105degC	TCCA 7x0.27	Foam PE&PP 2.1+/-0.1	Al foil TCCA 2.7+/-0.1	90%	PVC 3.4+/- 0.1	82+/-6	50+/-3	56 @1000MHz
A0004	RTK031	BC 7x0.27	Foam PE 2.1+/-0.1	Al foil TC 2.6+/- 0.1	90%	PVC 3.3+/- 0.1	82+/-6	50+/-3	56 @1000MHz
A0005	RTK031	BC 7x0.27	Foam PE 2.1+/-0.1	Al foil TCCA 2.7+/-0.1	90%	PVC 3.4+/- 0.1	82+/-6	50+/-3	56 @1000MHz
A0006	75ohm	CCS 0.5+/-0.025	XL-PE 3.25+/-0.1	TC/BC 3.8+/-0.1	90%	PVC 4.9+/- 0.2	67+/-6	75+/-3	17 @100MHz
A0007	75ohm	TC 7x0.15	XL-PE 2.9+/-0.1	BC 3.3+/-0.12	90%	PVC 4.8+/- 0.15	67+/-6	75+/-5	17 @100MHz
A0008	75ohm	TC 7x0.15	XL-PE 2.9+/-0.1	BC 3.3+/-0.12	80%	PVC 4.8+/- 0.15	67+/-6	75+/-5	17 @100MHz
A0009	75ohm	TC 7x0.15	XL-PE 2.9+/-0.1	TCCA 3.4+/-0.12	80%	PVC 4.8+/- 0.15	67+/-6	75+/-5	17 @100MHz
A0010	RG174	CCS 7x0.16	PE 1.52+/- 0.05	TC/BC 1.92+/-0.1	80%	PVC 2.8+/- 0.1	101+/-5	50+/-2	101 @1000MHz
A0011	RG174	CCS 7x0.16	XL-PE 1.52+/-0.05	TC/BC 1.92+/-0.1	98%	PVC 2.8+/- 0.1	101+/-5	50+/-2	101 @1000MHz
A0012	1.5c-2v	CCS 0.26+/-0.05	PE 1.6+/- 0.08	BC 2.0+/-0.1	90%	PVC 2.9+/- 0.15	67+/-4	75+/-5	38.5 @200MHz
	+avs0.5	BC 7x0.32				PVC 1.9~2.0			
A0013	75ohm	BC 0.65+/-0.02	Foam PE 2.95+/-0.1	TC/BC 3.4+/-0.15	90%	PVC 4.9+/- 0.1	54+/-4	75+/-3	12 @100MHz
A0014	115ohm	BC 7x0.12	Foam PE 3.15+/-0.1	TC/BC 3.55+/-0.15	90%	PVC 4.8+/- 0.1	38+/-2	110+/-5	14 @100MHz

Remark: CCS=copper coated steel, BC=annealed bare copper, TC=tinned copper, XL-PE=crossed PE (high temperature), TCCA=tinned copper coated aluminum.
 105degC@3000h (=125degC@240h).
 All the automotive coaxial cables are ROHS submission and Flame Resistance.