

TV & SATELITE - CIA (Swallow) Co Axial Cables ble



Part number	Cable type	Inner conductor (mm)	Dielectric (mm)	Shield (foil/braid) (mm)	Coverage	Jacket (mm)	Capacitance (pF/m)	Impedance (ohm)	Attenuation (100m)
R0001	RG59	CCS/BC 0.81+/-0.05	Foam PE 3.65+/-0.1	Al foil Al&Mg/BC 4.3+/-0.1	30% ~75%	PVC 6.1+/- 0.2	54+/-5	75+/-3	28 @1000MHz
R0002	RG59 Quad	CCS/BC 0.81+/-0.05	Foam PE 3.65+/-0.1	Al foil Al&Mg/BC Al foil Al&Mg/BC 4.9+/-0.1	30% ~75%	PVC 6.6+/- 0.2	54+/-5	75+/-3	28 @1000MHz
R0003	RG59 Messengered	CCS/BC 0.81+/-0.05	Foam PE 3.65+/-0.1	Al foil Al&Mg/BC 4.3+/-0.1	30% ~75%	PVC 6.1+/- 0.2	54+/-5	75+/-3	28 @1000MHz
		Steel 1.13				PVC 2.0+/-0.1			
R0004	RG6	CCS/BC 1.02+/-0.05	Foam PE 4.6+/-0.1	Al foil Al&Mg/BC 5.4+/-0.15	30% ~75%	PVC 6.9+/- 0.2	54+/-5	75+/-3	22 @1000MHz
R0005	RG6 Quad	CCS/BC 1.02+/-0.05	Foam PE 4.6+/-0.1	Al foil Al&Mg/BC Al foil Al&Mg/BC 6.1+/-0.2	30% ~75%	PVC 7.7+/- 0.2	54+/-5	75+/-3	22 @1000MHz
R0006	RG6 Messengered	CCS/BC 1.02+/-0.05	Foam PE 4.6+/-0.1	Al foil Al&Mg/BC 5.4+/-0.15	30% ~75%	PVC 6.9+/- 0.2	54+/-5	75+/-3	22 @1000MHz
		Steel 1.30				PVC 2.0+/-0.1			
R0007	RG6 Dual	CCS/BC 1.02+/-0.05	Foam PE 4.6+/-0.1	Al foil Al&Mg/BC 5.4+/-0.15	30% ~75%	PVC 6.9+/- 0.2	54+/-5	75+/-3	22 @1000MHz
		CCS/BC 1.02+/-0.05	Foam PE 4.6+/-0.1	Al foil Al&Mg/BC 5.4+/-0.15	30% ~75%	PVC 6.9+/- 0.2	54+/-5	75+/-3	22 @1000MHz
R0008	RG7	CCS/BC 1.47+/-0.05	Foam PE 5.95+/-0.15	Al foil Al&Mg/BC 6.45+/-0.2	30% ~75%	PVC 8.0+/- 0.3	54+/-5	75+/-3	18 @1000MHz
R0009	RG7 Quad	CCS/BC 1.47+/-0.05	Foam PE 5.95+/-0.15	Al foil Al&Mg/BC Al foil Al&Mg/BC 7.0+/-0.2	30% ~75%	PVC 8.9+/- 0.3	54+/-5	75+/-3	18 @1000MHz
R0010	RG7 Messengered	CCS/BC 1.47+/-0.05	Foam PE 5.95+/-0.15	Al foil Al&Mg/BC 6.45+/-0.2	30% ~75%	PVC 8.0+/- 0.3	54+/-5	75+/-3	18 @1000MHz
		Steel 1.80				PVC 3.0+/-0.1			
R0011	RG11	CCS/BC 1.63+/-0.05	Foam PE 7.1+/-0.15	Al foil Al&Mg/BC 7.9+/-0.2	30% ~75%	PVC 10.0+/-0.4	54+/-5	75+/-3	15 @1000MHz

Remark:
coated steel, BC=annealed bare copper, TC=tinned copper, Al&Mg=Al&Mg alloyed wire.
can be ROHS submission and Flame Resistance.

CCS=copper
CCA=copper coated aluminum (can
All the coaxial cables

Product Catalog - TV&Satellite coaxial cables - RG series_Swallow Cable



Part number	Cable type	Inner conductor (mm)	Dielectric (mm)	Shield (foil/braid) (mm)	Coverage	Jacket (mm)	Capacitance (pF/m)	Impedance (ohm)	Attenuation (100m)
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R0012	RG11 Quad	CCS/BC 1.63+/-0.05	Foam PE 7.1+/-0.15	Al foil Al&Mg/BC Al foil Al&Mg/BC 8.6+/-0.2	30% ~75%	PVC 10.8+/-0.4	54+/-5	75+/-3	15 @1000MHz
R0013	RG11 Messengered	CCS/BC 1.63+/-0.05	Foam PE 7.1+/-0.15	Al foil Al&Mg/BC 7.9+/-0.2	30% ~75%	PVC 10.0+/-0.4	54+/-5	75+/-3	15 @1000MHz
		Steel 1.80				PVC 3.0+/-0.1			
R0014	RG58 C/U	TC 19x0.18	Foam PE 2.95+/-0.1	TC 3.45+/-0.1	90% min	PVC 5.0+/- 0.15	100+/-6	50+/-3	54 @1000MHz
R0015	RG59 B/U	CCS 0.58+/-0.02	PE 3.7+/- 0.1	BC 4.3+/-0.1	90% min	PVC 6.2+/- 0.15	67+/-6	75+/-3	39 @1000MHz
R0016	RG213 /U	BC 7x0.75	PE 7.25+/- 0.15	BC 7.8+/-0.2	90% min	PVC 10.3+/-0.4	100+/-6	50+/-3	28 @1000MHz
R0017	RG214 /U	SC 7x0.75	PE 7.25+/- 0.15	SC 8.3+/- 0.2	90% min	PVC 10.8+/-0.4	100+/-6	50+/-3	27 @1000MHz
R0018	RG223	SC 0.9+/-0.05	PE 2.95+/- 0.1	SC SC 3.85+/-0.1	90% min	PVC 5.4+/- 0.1	101+/-6	50+/-3	50 @1000MHz

Remark:
coated steel, BC=annealed bare copper, TC=tinned copper, Al&Mg=Al&Mg alloyed wire,
CCA=copper coated aluminum (can replace BC).
All the coaxial cables can be ROHS submission and Flame Resistance.

CCS=copper
SC=silver coated copper.

Product Catalog - TV&satellite Various_Swallow Cable



Part number	Cable type	Inner conductor (mm)	Dielectric (mm)	Shield (foil/braid) (mm)	Coverage	Jacket (mm)	Capacitance (pF/m)	Impedance (ohm)	Attenuation (100m)
V0001	2.5C-2V	BC/CCS 0.4+/-0.025	PE 2.4+/- 0.2	Al foil/No BC/Al&Mg 3.0+/-0.15	30%~ 90%	PVC 4.0+/- 0.2	67+/-6	75+/-3	32 @300MHz
V0002	3C-2V	BC/CCS 0.5+/-0.025	PE 3.0+/- 0.2	Al foil/No BC/Al&Mg 3.6+/-0.15	30%~ 90%	PVC 5.0+/- 0.2	67+/-6	75+/-3	26 @300MHz
V0003	5C-2V	BC/CCS 1.0+/-0.05	PE 4.8+/- 0.2	Al foil/No BC/Al&Mg 5.3+/-0.15	30%~ 90%	PVC 7.0+/- 0.2	67+/-6	75+/-3	25 @300MHz
V0004	19VAtC	BC/CCS 1.0+/-0.02	FPE 4.7+/- 0.1	APA foil BC/TC 5.2+/-0.15	30%~ 90%	PVC 6.7+/- 0.2	52+/-5	75+/-3	22 @1000MHz
V0005	25VAtC	BC/CCS 0.8+/-0.02	FPE 3.5+/- 0.1	APA foil BC/TC 4.0+/-0.1	30%~ 90%	PVC 5.0+/- 0.2	52+/-5	75+/-3	27 @1000MHz

V0006	17VAtC	BC/CCS 1.13+/-0.02	FPE 4.85+/- 0.1	APA foil BC/TC 5.5+/-0.15	30%~ 90%	PVC 6.8+/- 0.2	52+/-5	75+/-3	20 @1000MHz
V0007	SAT501	BC 0.8+/-0.02	FPE 3.50+/- 0.1	Al foil TC 4.0+/- 0.15	48%	PVC 5.0+/- 0.2	53+/-5	75+/-3	26 @1000MHz
V0008	CS620	CCS 1.02+/-0.02	FPE 4.60+/- 0.15	APA foil Al&Mg 5.2+/-0.15	40% min	PVC 6.6+/- 0.2	54+/-5	75+/-3	19 @860MHz
V0009	CS630	BC 1.02+/-0.02	FPE 4.80+/- 0.15	CPC foil CCA 5.4+/-0.15	50% min	PVC 6.6+/- 0.2	54+/-5	75+/-3	19 @860MHz
V0010	CS640	BC 1.13+/-0.05	FPE 4.80+/- 0.15	CPC foil BC 5.4+/- 0.15	46% min	PVC 6.6+/- 0.2	54+/-5	75+/-3	18 @860MHz
V0011	CS650	BC 1.15+/-0.05	FPE 4.80+/- 0.15	CPC foil CCA 5.4+/-0.15	90% min	PVC 6.6+/- 0.2	54+/-5	75+/-3	17 @860MHz
V0012	PRO-SAT	BC 1.02+/-0.02	FPE 4.7+/- 0.1	Cu foil BC 5.2+/- 0.15	45%	PVC 6.8+/- 0.2	52+/-5	75+/-5	20 @1000MHz
V0013	CT125	BC 1.25+/-0.05	FPE 5.8+/- 0.15	Cu foil BC 6.7+/- 0.2	30%~ 90%	PVC 8.1+/- 0.2	54+/-5	75+/-3	18 @1000MHz
V0014	WF100	BC 1.0+/-0.02	FPE 4.8+/- 0.15	Cu foil BC 5.3+/- 0.15	40%	PVC 6.8+/- 0.2	54+/-5	75+/-3	20 @1000MHz
V0015	WF125	BC 1.2+/-0.05	FPE 5.72+/- 0.15	Cu foil BC 6.6+/- 0.15	40%	PVC/PE 8.1+/-0.2	54+/-5	75+/-3	17 @1000MHz
V0016	WF165	BC 1.55+/-0.05	FPE 7.25+/- 0.2	Cu foil BC 7.9+/- 0.2	50%	PVC/PE 10.1+/-0.3	54+/-5	75+/-3	14 @1000MHz

Remark:
coated steel, BC=annealed bare copper, TC=tinned copper, Al&Mg=Al&Mg alloyed wire,
foil=CCA/pet/CCA foil.
aluminum (can replace BC).
coaxial cables can be ROHS submission and Flame Resistance.

CCS=copper
APA foil=Al/pet/Al foil, CPC
CCA=copper coated
All the