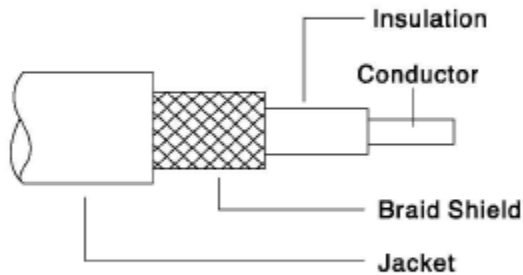


# Coaxial Cable

**Low Loss**



## Product Description

1. Polyethylene foamed dielectrics for high velocity of propagation and low loss.
2. Polyethylene or PVC outer jacket are used to satisfy heavy duty UV, sunlight, weather, flame resistance and fire-safety performance.
3. Outdoor use is available.
4. High performance flexible shielding system provides > 90dB isolation shielding. Bounded construction ensures 100% effective shielding. Outer braid or tinned copper.
5. Operation temperature: -40°C ~ + 80°C
6. Pass UL VW-1 , CM, CMG flame test.
7. LSFH is available.

## Application:

For internal wiring, cabinet jumpers, base station and antenna jumpers, tower and pole feeder runs, satellite and other electronic equipment.

## Abbreviation:

### Inner Conductor

C: Bare Copper  
 CCS: Copper Clad Steel  
 T: Tinned Copper  
 S: Silver Coated Copper Wire  
 CCA: Copper Clad Aluminum

### Outer Conductor

CC: Double Shield Copper  
 TT: Double Shield Tinned Copper  
 SS: Double Shield Silver Coated Copper

### Jacket

PVC: Polyvinyl Chloride

### Insulation

PE: Polyethylene  
 FPE: Foamed Polyethylene  
 SSPE: Semi Solid Polyethylene  
 AF: Aluminum Foil  
 DF: Double Sides Aluminum Foil  
 HA: Bonded Aluminum Foil  
 NC-PVC: Non-Contaminating PVC

# Coaxial Cable

## Low Loss

Part No.	Type	Inner Conductor		Insulation		Outer Conductor			Jacket		Nom. Imped. ohm	Nom. Capa. Pf/m
		No./mm	MTRL	OD mm	MTRL	Tape	Braid		OD mm	MTRL		
						Type	Coverage	MTRL				
HSF2301	S-100-PVC	1/0.45	C	1.6	PE	HA	90%	T	2.8	PVC	50	100
HSG4301	S-195-PE	1/0.95	C	2.8	FPE	HA	90%	T	4.95	PE	50	84
HSD4301	S-195-PVC	1/0.95	C	2.8	FPE	HA	90%	T	4.95	PVC	50	84
HSH4301	S-200-PE	1/1.12	C	3.0	FPE	HA	90%	T	5.0	PE	50	81
HSE4301	S-200-PVC	1/1.12	C	3.0	FPE	HA	90%	T	5.0	PVC	50	81
HSI5301	S-240-PE	1/1.4	C	3.8	FPE	HA	90%	T	6.1	PE	50	81
HSA5301	S-240-PVC	1/1.4	C	3.8	FPE	HA	90%	T	6.1	PVC	50	81
HSJ7301	S-300-PE	1/1.8	C	4.8	FPE	HA	90%	T	7.6	PE	50	78
HSK7301	S-300-PVC	1/1.8	C	4.8	FPE	HA	90%	T	7.6	PVC	50	78
HSL8801	S-400-PE	1/2.8	CCA	7.3	FPE	HA	90%	T	10.3	PE	50	78
HSB8801	S-400-PVC	1/2.8	CCA	7.3	FPE	HA	90%	T	10.3	PVC	50	78
HSM9801	S-500-PE	1/3.7	CCA	9.6	FPE	HA	90%	T	12.8	PE	50	78
HSN9801	S-600-PE	1/4.5	CCA	11.5	FPE	HA	90%	T	15.0	PE	50	78
HSP9801	S-600-PVC	1/4.5	CCA	11.5	FPE	HA	90%	T	15.0	PVC	50	78

Type	Frequency (MHz)	30	50	150	220	450	900	1500	1800	2000	2500	5800
S-100	Attenuation (dB/100m)	13.1	16.9	29.7	36.2	52.5	75.7	99.7	110.1	116.7	132.0	212.5
S-195	Attenuation (dB/100m)	6.1	7.9	13.8	16.7	24.5	35.5	47.0	52.3	55.2	63.0	101.6
S-200	Attenuation (dB/100m)	5.6	7.2	12.7	15.5	22.6	32.8	43.1	47.9	50.6	57.0	91.2
S-240	Attenuation (dB/100m)	4.5	5.8	10.0	12.2	17.5	25.1	32.8	36.0	38.1	42.9	67.5
S-300	Attenuation (dB/100m)	3.6	4.6	8.0	9.7	14.0	20.1	26.3	29.0	30.7	34.6	54.8
S-400	Attenuation (dB/100m)	3.0	3.9	6.3	7.4	10.4	15.1	20.2	22.3	23.6	26.8	44.3
S-500	Attenuation (dB/100m)	1.9	2.4	4.1	5.0	7.2	10.5	13.8	15.2	16.1	18.2	29.4
S-600	Attenuation (dB/100m)	1.5	1.9	3.3	4.0	5.7	8.3	11.1	12.3	13.0	14.7	24.1