

RG6 STANDARD SHIELD

18 AWG

COAXIAL CABLE (CM-RATED)



DESCRIPTION

RG6 Standard Shield,
18 AWG Solid CCS Conductor, CM Rated,
Aluminum Foil with 60% Braid.

FEATURES

- Digital HDTV Applications
- Digital Satellite Installations
- CATV
- Suitable for Indoor Applications



107-1234BK6S1BX

CONSTRUCTION

Conductor count:	1
Shape:	Round
Braid:	60% Aluminum
Aluminum Foil:	Yes
Aluminum Foil Shield:	Bonded

CONDUCTORS

Material:	Copper Clad Steel
Trade size:	18 AWG
Insulation material:	Dielectric Foam PE
Insulation O.D.:	0.18 in. (4.57 +/- 0.10 mm)
Insulation color:	White

JACKET

Material:	Polyvinyl Chloride (PVC)
Color:	Black
O.D.:	0.27 in. (6.90 mm)
Marking:	c(ETL)us 5024318 CM RG6 18AWG 60% 3.0GHz CMG FT4 CATV/CL2 RoHS V2094P13834 XXXXFT 041001N0508102 06:59

MECHANICAL

Temperature rating:	-20 ~ 75° C
Sparker Test:	3000 VAC
Impedance:	75 Ohm
Capacitance:	52 pF/m
Velocity of Propagation:	85%
Return Loss:	23 dB Min (5-2300 MHz)
Bending Radius MINI.:	2.72 in. (69 mm)

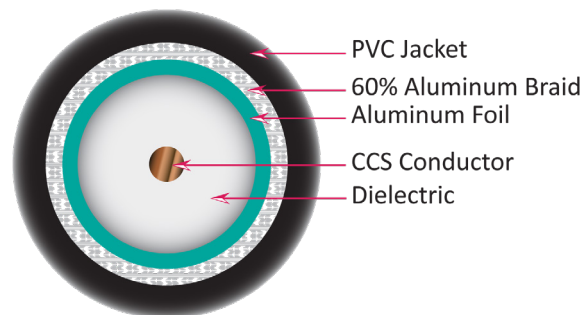
SAFETY

NFPA 70 (NEC®) rating:	CL2
Voltage rating:	300 V RMS

PACKED WEIGHT

107-1234BK6S1BX:	30 lb (13.6 kg)
------------------	-----------------

CONTINUED ON NEXT PAGE...



VERTICAL CABLE

951.696.7772 California
800.749.2447 Florida
845.391.8318 New York
713.322.7242 Texas



verticalcable.com

Rev. 03/2025

Subject to change without notice.

RG6 STANDARD SHIELD 18 AWG COAXIAL CABLE (CM-RATED)

CONTINUED FROM PREVIOUS PAGE...

PHYSICAL DIMENSIONS

Center Conductor:	1.02 +/- 0.01 mm CCS
Dielectric:	4.57 +/- 0.10 mm FPE
Shielding:	Bonded Al/PET Foil
Braiding:	5x16 +/- 0.12 mm AL
Jacket:	6.90 +/- 0.10 mm PVC

MECHANICAL PROPERTIES

Installing Temperature:	0 ~ 60 °C
Operating Temperature:	-20 ~ 75 °C

Nominal Impedance(Ω)		75±3
Nominal Capacitance(pF/m)		52±3
Velocity of Propagation(%)		85
SRL(dB)	5-1000MHz	≥20
	1001-3000MHz	≥15
Attenuation [@68°F(20°C)]	Frequency(MHz)	(dB/100m) ± 5%
	5	2.66
	55	5.25
	211	10.00
	250	10.82
	270	11.04
	300	11.64
	330	12.26
	350	12.63
	400	13.61
	450	14.43
	500	15.29
	550	16.08
	600	16.73
	750	18.54
	870	20.04
	1000	21.49
	1200	23.50
1450	25.79	
1750	28.61	
2000	30.58	
3000	38.50	

VERTICAL CABLE

951.696.7772 California
800.749.2447 Florida
845.391.8318 New York
713.322.7242 Texas



verticalcable.com

Rev. 03/2025

Subject to change without notice.