



Features

- Dual bonding
- Application temperature - 20°C ~ +60°C
- Trishield and quadshield are available
- Flooding compound available
- Messenger wire with different breaking strength options
- UL grade available, contact us for details
- LSZH Jacket option available
- ISO9001 Certified Manufacturing Plant
- Other options are available, please ask our sales representative for detail

Coaxial Cable
RG59



Armour Available

Specifications

Model		CS5953BV	CS5967BV	CS5995BV	CU5967BV
Construction	Inner Conductor	Copper Clad Steel 21% conductivity	Copper Clad Steel 21% conductivity	Copper Clad Steel 21% conductivity	Solid Copper
	Braid Coverage, Aluminum Wire	53%	67%	95%	67%
	Center Conductor Diameter (mm)	0.81 ± 0.01	0.81 ± 0.01	0.81 ± 0.01	0.81 ± 0.01
	Bonded Foam PE Dielectric (mm)	3.66 ± 0.01	3.66 ± 0.01	3.66 ± 0.01	3.66 ± 0.01
	Sealed Tape APA (mm)	3.86 ± 0.10	3.86 ± 0.10	3.86 ± 0.10	3.86 ± 0.10
	Aluminum Braiding (mm)	4.50 (16 x 3 x 0.16 mm)	4.50 (16 x 4 x 0.16 mm)	4.50 (16 x 7 x 0.16 mm)	4.50 (16 x 4 x 0.16 mm)
	PVC Jacket (mm)	6.10 ± 0.10	6.10 ± 0.10	6.10 ± 0.10	6.10 ± 0.10
Electric Specifications	Inner Conductor Resistance	159 Ω/km	159 Ω/km	159 Ω/km	33.45 Ω/km
	Outer Conductor Resistance	38.76 Ω/km	31.43 Ω/km	21.2 Ω/km	31.43 Ω/km
	Loop Resistance	197.76 Ω/km	190.43 Ω/km	180.2 Ω/km	64.88 Ω/km
	Nominal Capacitance	53.0	53.0	53.0	53.0
	Impedance	75 ± 2 Ω	75 ± 2 Ω	75 ± 2 Ω	75 ± 2 Ω
	Velocity of Propagation	82% nominal	82% nominal	82% nominal	82% nominal
Packing	100-yards Coil/Carton (6 Coils, cm)	28 x 28 x 45	28 x 28 x 45	28 x 28 x 45	28 x 28 x 45
	Net Weight / Gross Weigh (kg)	17 / 18	17.5 / 18.5	20 / 21	18 / 19
	1000-Foot Reel Size (cm)	28 x 10 x 28	28 x 10 x 28	28 x 10 x 28	28 x 10 x 28c
	Net Weight /Gross Weight (kg)	10 / 11	10.5 / 11.5	11 / 12	10.5 / 11.5

- Steel messenger wire 1.30 mm models are available with the above spec: **CS5953BVM, CS5967BVM, CS5995BVM, CU5967BVM**
- Flooding compound models are available with the above spec: **CS5953BVMF, CS5967BVMF, CS5995BVMF, CU5967BVMF**
- LSZH Jacket option available

Frequency MHz	5	55	211	250	270	300	330	400	450	500	550	600	750	870	1000	1500	2000	2050	2200
Attenuation Nominal dB/100m	2.32	5.96	11.63	12.66	13.21	13.91	14.70	16.13	17.14	18.10	19.01	19.89	22.34	24.14	25.97	32.15	37.90	39.60	40.98

- Attenuation increases with increasing temperature and decreases with decreasing temperature at the rate of 0.18% /°C
- DC resistance changes at the rate of 0.393% /°C
- All values are nominal figures

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.