



Features

- Dual bonding
- Flooding compound available
- Messenger wire with different breaking strength options
- ISO9001 Certified Manufacturing Plant
- IEC61034-2:2005, IEC60754-1:2011, IEC60332-1-2:2004
- Other options are available, please ask our sales representative for detail



Specifications

Model	CS640BV	CS660BV	CS660BV_LSZH	CS690BV	CS660BVT
Construction	Inner Conductor	Copper Clad Steel 20% conductivity	Copper Clad Steel 20% conductivity	Copper Clad Steel 20% conductivity	Copper Clad Steel 21% conductivity
	Braid Coverage, Aluminum Wire	40%	60%	60%	90%
	Center Conductor Diameter	1.02 ± 0.01 mm	1.02 ± 0.01 mm	1.02 ± 0.01 mm	1.02 ± 0.01 mm
	Bonded Foam PE Dielectric	4.62 ± 0.10 mm	4.62 ± 0.10 mm	4.62 ± 0.10 mm	4.57 ± 0.10 mm
	Sealed Tape (mm)	4.75 ± 0.10mm (AP)	4.75 ± 0.10mm (AP)	4.75 ± 0.10mm (AP)	4.78 ± 0.10mm (APA)
	Aluminum Braiding	5.16 (16 x 3 x 0.12 mm)	5.16 (16 x 5 x 0.12 mm)	5.16 (16 x 5 x 0.12 mm)	5.38 (16 x 8 x 0.16 mm)
	Unsealed Tape	---	---	---	5.56 mm
Electric Specifications	Jacket	PVC 6.80 ± 0.15 mm	PVC 6.80 ± 0.15 mm	LSZH 6.80 ± 0.15 mm	PVC 6.91 ± 0.15 mm
	Nominal DC Resistance Inner Conductor	105 Ω / km	105 Ω / km	105 Ω / km	100 Ω / km
	Nominal DC Resistance Outer Conductor	70 Ω / km	49.5 Ω / km	49.5 Ω / km	18.56 Ω / km
	Nominal DC Resistance Loop	175 Ω / km	144.5 Ω / km	144.5 Ω / km	118.56 Ω / km
	Nominal Capacitance	53.0 pF / m	53.0 pF / m	53.0 pF / m	53.0 pF / m
	Impedance	75 ± 3 Ω	75 ± 2 Ω	75 ± 2 Ω	75 ± 2 Ω
	Nominal Velocity of Propagation	85% nominal	85% nominal	85% nominal	85% nominal
Packing	Application Temperature	- 20°C ~ +60°C	- 20°C ~ +60°C	- 20°C ~ +60°C	- 20°C ~ +60°C
	100 Yards Coil (6 Coil in a Carton)	28 x 28 x 55 cm	30 x 30 x 53 cm	---	30 x 30 x 53 cm
	Net Weight / Gross Weight	22 / 23 Kg	23 / 24 Kg	---	23 / 24 Kg
	1000 Feet / 305M Reel Size	---	32 x 15 x 30 cm	32 x 15 x 30 cm	---
Diagram	Net Weight / Gross Weight	---	12 / 13 Kg	12 / 13 Kg	15 / 16 Kg
	Diagram				

- Steel messenger wire 1.30 mm models are available with the above spec: CS640BVM, CS660BVM, CS690BVM
- Flooding compound models are available with the above spec: CS640BVMF, CS660BVMF, CS690BVMF

Frequency MHz	5	55	211	250	270	300	330	400	450	500	550	600	750	870	1000	1500	2000	2050	2200
Attenuation Nominal (±0.5)dB/100m	1.90	4.82	9.25	10.11	10.54	11.15	11.74	13.02	13.87	14.67	15.46	16.23	18.41	20.05	21.29	27.10	29.71	30.06	30.24

- Attenuation increases with increasing temperature and decreases with decreasing temperature at the rate of 0.18% / deg C
- DC resistance changes at the rate of 0.3 93% / deg C
- All values are nominal figures

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.