



Features

- Dual bonding
- Trishield and quadshield are available
- Flooding compound available
- Messenger wire with different breaking strength options
- ISO9001 Certified Manufacturing Plant
- Other options are available, please ask our sales representative for detail



Specifications

Model	CS1160BV	CS1160BV_LSZH	CS1190BV	CS1190BV_LSZH	CU1160BV
Inner Conductor	Copper Clad Steel 21% conductivity	Copper Clad Steel 21% conductivity	Copper Clad Steel 21% conductivity	Copper Clad Steel 21% conductivity	Solid Copper
Braid Coverage, Aluminum Wire	60%	60%	90%	90%	60%
Center Conductor Diameter (mm)	1.63 ± 0.01 mm	1.63 ± 0.01 mm	1.63 ± 0.01 mm	1.63 ± 0.01 mm	1.63 ± 0.01 mm
Bonded Foam PE Dielectric (mm)	7.11 ± 0.15 mm	7.11 ± 0.15 mm	7.11 ± 0.15 mm	7.11 ± 0.15 mm	7.11 ± 0.15 mm
Sealed Tape (APA)	7.32 ± 0.15 mm	7.32 ± 0.15 mm	7.32 ± 0.15 mm	7.32 ± 0.15 mm	7.32 ± 0.15 mm
Aluminum Braiding (mm)	7.96, (16 x 6 x 0.16 mm)	7.96 (16 x 6 x 0.16 mm)	7.96 (24 x 8 x 0.16 mm)	7.96 (24 x 8 x 0.16 mm)	7.96 (16 x 6 x 0.16 mm)
Jacket (mm)	PVC, 10.03 ± 0.15	LSZH, 10.03 ± 0.15	PVC, 10.03 ± 0.15	LSZH, 10.03 ± 0.15	PVC, 10.03 ± 0.15
Nominal DC Resistance Inner Conductor	40 Ω / km	40 Ω / km	40 Ω / km	40 Ω / km	8.4 Ω / km
Nominal DC Resistance Outer Conductor	20.7 Ω / km	20.7 Ω / km	12.5 Ω / km	12.5 Ω / km	20.7 Ω / km
Nominal DC Resistance Loop	60.7 Ω / km	60.7 Ω / km	52.5 Ω / km	52.5 Ω / km	29.1 Ω / km
Nominal Capacitance	53.0 pF / m	53.0 pF / m	53.0 pF / m	53.0 pF / m	53.0 pF / m
Impedance	75 ± 2 Ω	75 ± 2 Ω	75 ± 2 Ω	75 ± 2 Ω	75 ± 2 Ω
Nominal Velocity of Propagation	82% nominal	82% nominal	82% nominal	82% nominal	82% nominal
Application Temperature	- 20°C ~ +60°C	- 20°C ~ +60°C	- 20°C ~ +60°C	- 20°C ~ +60°C	- 20°C ~ +60°C
1000 Feet / 305M Reel Size	43 x 21 x 35.5 cm	43 x 21 x 35.5 cm	43 x 21 x 35.5 cm	43 x 21 x 35.5 cm	39 x 13.5 x 38 cm
Net Weight / Gross Weight	24 / 25 Kg	24 / 25 Kg	26 / 27 Kg	26 / 27 Kg	40 / 42 Kg
Diagram					

- Steel messenger wire 1.83mm models are available with the above spec: CS1160BVM, CS1190BVM, CU1160BVM
- Flooding compound models are available with the above spec: CS1160BVMF, CS1190BVMF, CU1160BVMF

Frequency MHz	5	55	211	250	270	300	330	400	450	550	600	750	870	1000	1500	2000	2050	2200
Attenuation Nominal (±0.5)dB/100m	1.20	3.01	5.65	6.19	6.48	6.86	7.31	8.01	8.55	9.03	9.97	11.24	12.15	13.15	17.35	19.22	19.45	20.37

- 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.