



Features

- Dual bonding
- Application temperature - 40 °C ~ +75 °C
- Flooding compound available
- Messenger wire with different breaking strength options
- ISO9001 Certified Manufacturing Plant

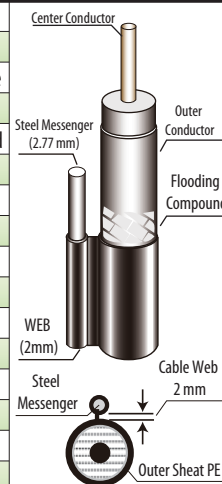
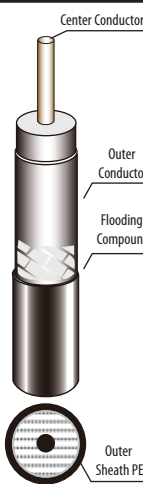
Hardline Cable 540 Series/ 500 Series



Armour
Available

Specifications

Model		CA540J	CA500J	
Construction	Product	540 Series Jacketed	500 Series Jacketed	
	Inner Conductor	Copper Clad Aluminum	Copper Clad Aluminum	
	Outer Conductor	Welded Aluminum Tube	Seamless Aluminum Tube	
	Center Conductor Diameter	3.15 ± 0.02 mm	2.77 ± 0.01 mm	
	Foam PE Dielectric	13.05 ± 0.15 mm	11.43 ± 0.10 mm, Bonded	
	Outer Conductor Thickness	0.34 ± 0.05 mm	0.64 ± 0.10 mm, Sealed	
	Outer Conductor	13.72 ± 0.15 mm	12.70 ± 0.10 mm	
	PE Jacket	15.49 ± 0.15 mm	14.22 ± 0.20 mm	
Electric Specifications	Nominal DC Resistance Inner Conductor	3.48 Ω / km	4.66 Ω / km	
	Nominal DC Resistance Outer Conductor	1.97 Ω / km	1.21 Ω / km	
	Nominal DC Resistance Loop	5.45 Ω / km	5.87 Ω / km	
	Nominal Capacitance	51.0 pF / m	51.0 pF / m	
	Capacitance Impedance	75 ± 2 Ω	75 ± 2 Ω	
	Nominal Velocity of Propagation	87% Nominal	87% Nominal	
Packing	2450 Feet Per Reel	85 x 42 x 72 cm	96 x 40 x 52 cm	
	Weight (Net / Gross, kg)	160 / 185	160 / 185	



- Messenger option is available with model number CA 540JM 109
- Flooded compound models are available with the above spec: CA 540JF; CA 540JM 109F
- Messenger option is available with model number CA 500JM 109
- Flooded compound models are available with the above spec: CA 500J; CA 500JM 109F

Frequency MHz	5	55	211	250	270	300	330	350	400	450	500	550	600	750	870	1000
Attenuation Nominal dB/100m (CA540J)	0.46	1.54	3.09	3.34	3.50	3.74	3.93	4.07	4.36	4.63	4.92	5.17	5.44	6.13	6.65	7.19
Attenuation Nominal dB/100m (CA500J)	0.51	1.76	3.56	3.91	4.07	4.32	4.55	4.71	5.05	5.38	5.71	6.02	6.32	7.16	7.79	8.44

- 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 0.393% / deg C
- All values are nominal figures

Specifications subject to change without notice.