



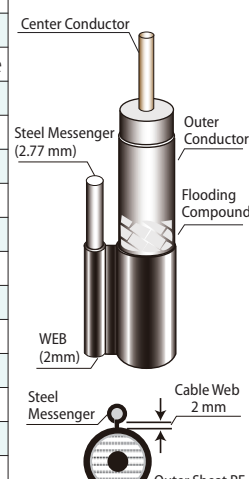
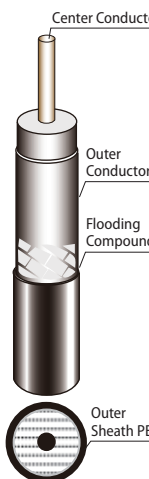
Features

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



Specifications

Model	CA540J	CA500J
Construction	Product	540 Series Jacketed
	Inner Conductor	Copper Clad Aluminum
	Outer Conductor	Welded Aluminum Tube
	Center Conductor Diameter	3.15 ± 0.02 mm
	Foam PE Dielectric	13.05 ± 0.15 mm
	Outer Conductor Thickness	0.34 ± 0.05 mm
	Outer Conductor	13.72 ± 0.15 mm
	PE Jacket	15.49 ± 0.15 mm
Electric Specifications	Nominal DC Resistance Inner Conductor	3.48 Ω / km
	Nominal DC Resistance Outer Conductor	1.97 Ω / km
	Nominal DC Resistance Loop	5.45 Ω / km
	Nominal Capacitance	51.0 pF / m
	Capacitance Impedance	75 ± 2 Ω
	Nominal Velocity of Propagation	87% Nominal
Packing	2450 Feet Per Reel	85 x 42 x 72 cm
	Weight (Net / Gross, kg)	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