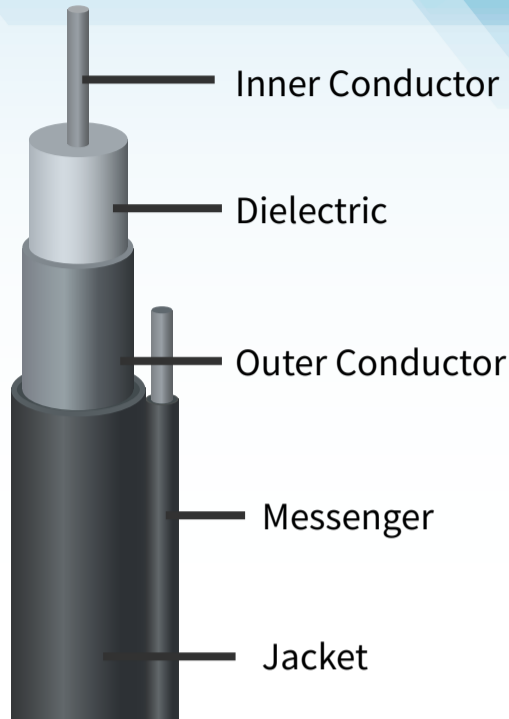


ZP-540 SERIES



Physical Dimensions

Component	ZP-540B mm	ZP-540L mm	ZP-540T mm
Center Conduc	3.15	3.15	3.15
Dielectric	13.00	13.00	13.00
Outer Conductor	13.87	13.75	14.40
Outer Conductor Thickness	—	—	0.70
Jacket	15.90	15.90	15.90
Jacket Wall Thickness	1.00	1.00	0.75
Messenger	2.77	2.77	2.77

Mechanical Characteristics

Minimum Bending Radius(Jacket)
ZP-540B 6.0in. 16cm
ZP-540L 6.0in. 32cm
ZP-540T 4.0in. 32cm
Minimum Breaking Strength of Messenger
1800lbs. 816kgf
Dielectric Adhesion >20N/5cm

Electrical Characteristics

Capacitance 50 ± 3.0 nf/km
Impedance 75 ± 2.0 ohms
Velocity of Propagation 88%
Shielding Effectiveness
ZP-540B ZP-540L ZP-540T
55MHz \geq 60dB 85dB 100dB
300MHz \geq 70dB 90dB 110dB
1000MHz \geq 70dB 90dB 110dB
Return Loss (100% swept)
ZP-540B ZP-540L ZP-540T
1~470MHz \geq 22dB 20dB 22dB
470~1000MHz \geq 20dB 18dB 20dB

Attenuation (20°C, \leq dB/100m)

Frequency(MHz)	ZP-540B	ZP-540L	ZP-540T
5	0.46	0.46	0.46
55	1.54	1.54	1.54
211	3.12	3.12	3.12
250	3.38	3.38	3.38
270	3.51	3.51	3.51
300	3.71	3.71	3.71
325	3.87	3.87	3.87
350	4.03	4.03	4.03
400	4.33	4.33	4.33
450	4.59	4.59	4.59
500	4.89	4.89	4.89
550	5.12	5.12	5.12
600	5.38	5.38	5.38
750	6.07	6.07	6.07
865	6.56	6.56	6.56
1000	7.12	7.12	7.12

Notes:

- Nominal copper thickness for CCA (kg/km):10% CCA
- The braiding coverage must be above 80% if you select braiding shield.

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