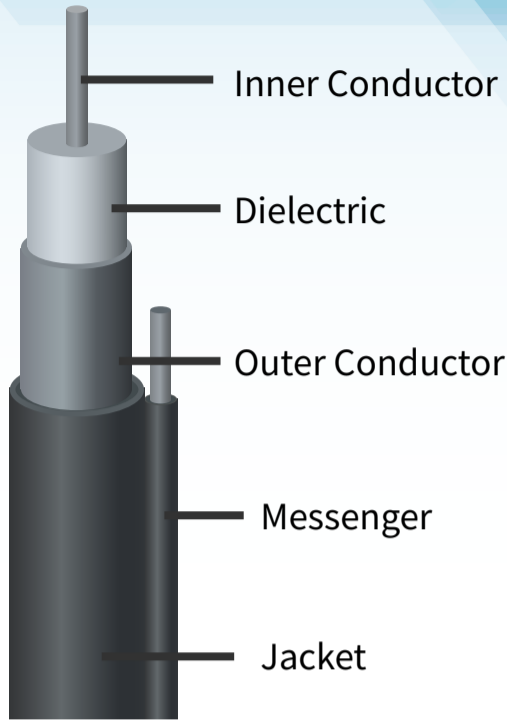


ZP-500 SERIES



Physical Dimensions

Component	ZP-500B mm	ZP-500L mm	ZP-500T mm
Center Conductor	2.77	2.77	2.77
Dielectric	11.43	11.43	11.43
Outer Conductor	12.30	12.20	12.70
Outer Conductor Thickness	--	--	0.65
Jacket	14.22	14.22	14.22
Jacket Wall Thickness	1.00	1.00	0.76
Messenger	2.77	2.77	2.77

Mechanical Characteristics

Minimum Bending Radius(Jacket)
ZP-500B 6.0in. 22cm
ZP-500L 6.0in. 30cm
ZP-500T 6.0in. 30cm
Minimum Breaking Strength of Messenger
1800lbs. 816kgf
Dielectric Adhesion >20N/5cm

Electrical Characteristics

Capacitance 50±3.0 nf/km
Impedance 75±2.5 ohms
Velocity of Propagation 87%
Shielding Effectiveness
ZP-500B ZP-500L ZP-500T
55MHz ≥ 60dB 85dB 100dB
300MHz ≥ 70dB 90dB 110dB
1000MHz ≥ 70dB 90dB 110dB
Return Loss (100% swept)
ZP-500B ZP-500L ZP-500T
1~470MHz ≥ 22dB 20dB 22dB
470 ~1000MHz ≥ 20dB 18dB 20dB

Attenuation (20°C, ≤dB/100m)

Frequency(MHz)	ZP-500B	ZP-500L	ZP-500T
5	0.52	0.52	0.52
55	1.77	1.77	1.77
211	3.58	3.58	3.58
250	3.94	3.94	3.94
270	4.07	4.07	4.07
300	4.30	4.30	4.30
325	4.49	4.49	4.49
350	4.69	4.69	4.69
400	5.02	5.02	5.02
450	5.35	5.35	5.35
500	5.67	5.67	5.67
550	5.97	5.97	5.97
600	6.27	6.27	6.27
750	7.09	7.09	7.09
865	7.68	7.68	7.68
1000	8.27	8.27	8.27

Notes:

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