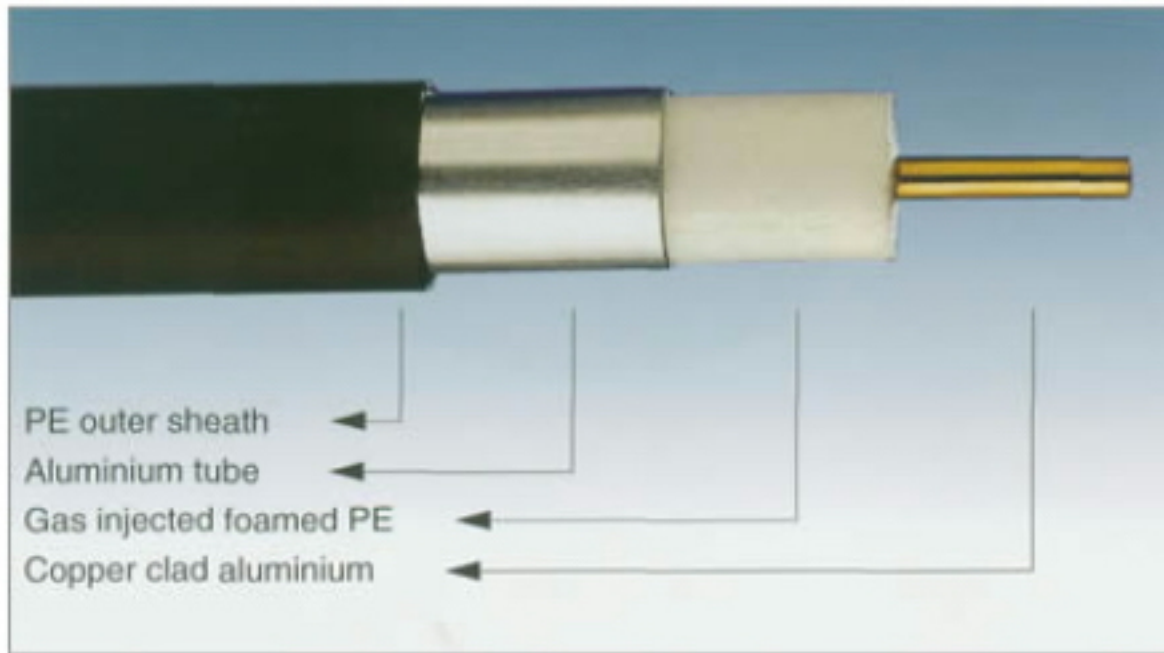


## Trunk and Distribution Cable

SPECIFICATION



### Construction Specification

Standard	320 (series)	412 (series)	500 (series)	540 (series)
Inner conductor(mm)	1.80	2.26	2.78	3.15
Dielectric(mm)	7.45	9.30	11.50	13.03
Outer Conductor(mm)	8.12	10.50	12.70	13.72
Outer Sheath(mm)	10.03	12.50	14.70	15.30

### Electrical Characteristics

Impedance	75±2 ohms
Nominal Capacitance	50 pF/m 15.2 pF/ft
Nominal Velocity of Propagation	88%
Screen Efficiency at 5 MHz	135dB min
Dielectric Strength	2.5kV
Dielectric Outer Sheath	5kV

### Attenuation

Standard	320 series	412 series	500 series	540 series
f (MHz)	Max. dB/100m	Max. dB/100m	Max. dB/100m	Max. dB/100m
5	0.85	0.66	0.52	0.46
50	2.67	2.13	1.69	1.44
100	3.84	3.04	2.42	2.09
200	5.48	4.36	3.48	3.04
300	6.69	5.39	4.32	3.71
400	7.8	6.28	5.04	4.33
450	8.27	6.69	5.37	4.59
500	8.72	7.07	5.69	4.89
550	9.34	7.44	5.99	5.12
600	9.78	7.80	6.28	5.38
650	10.18	8.15	6.56	5.65
750	10.86	8.80	7.10	6.07
850	11.77	9.42	7.61	6.51
1000	12.76	10.30	8.34	7.12