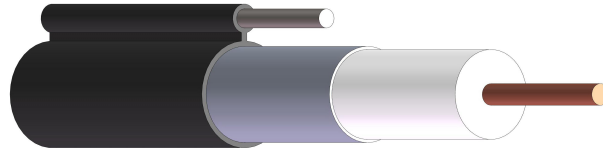


PRODUCT SPECIFICATION

Trunk Cable

KL 500M

PRODUCT DESCRIPTION



- The high-performance of attenuation allows coaxial cable to be used in various broadband networks.
- Outstanding flexibility, reliability, and cost effectiveness.
- Lower VSWR and perfect shielding effectiveness lead to fewer energy loss and outer interference.

CONSTRUCTION

Inner conductor	Copper clad aluminum	Φ 2.77mm
Insulation	Physically foamed PE	Φ 11.43mm
Outer conductor	Argon arc welded aluminum tube	
Jacket	Black PE	Φ 14.22mm
Messenger	Steel	Φ 2.77mm

MECHANICAL PROPERTIES

Cable length	m	500/750/1000
Min. bending radius	mm	153
Min. breaking strength of messenger	MPa	1470~1690

ELECTRICAL PROPERTIES

Impedance	Ω	75 ± 2
Propagation velocity	%	87
Capacitance	pF/m	50
Jacket spark test RMS	kV	5.0
Insulation resistance	MΩ•km	>5000
Screening attenuation	dB	≥110
Structural return loss	dB	24@5~1000MHz

PRODUCT SPECIFICATION

Trunk Cable

KL 500M

ATTENUATION

Frequency MHz	Attenuation @20 °C, dB/100m	Attenuation @20 °C, dB/100ft
5	0.52	0.16
55	1.80	0.55
211	3.58	1.09
250	3.94	1.20
270	4.06	1.24
300	4.30	1.31
330	4.53	1.38
350	4.69	1.43
400	5.02	1.53
450	5.35	1.63
500	5.67	1.73
550	5.97	1.82
600	6.30	1.92
750	7.12	2.17
870	7.69	2.35
1000	8.30	2.53
1218	9.27	2.83

Attention values may be with a tolerance of $\pm 5\%$.

ENVIRONMENTAL PROPERTIES

RoHS 2011/65/EU

Compliant