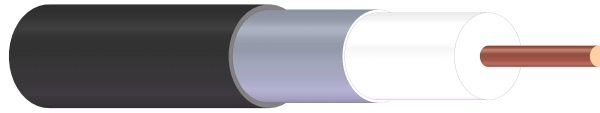


# PRODUCT SPECIFICATION

## Trun Series Cable

### KL 500

#### 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

#### MECHANICAL PROPERTIES

Cable length	m	500/750/1000
Min. bending radius, standard	mm	153
Min. bending radius, bonded	mm	89
Max. tensile force	N	1360

#### 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 Series Cable

### KL 500

#### ATTENUATION

Frequency	Attenuation	Attenuation
MHz	@20 °C, dB/100m	@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