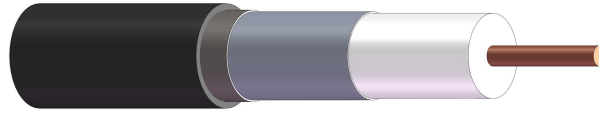


PRODUCT SPECIFICATION

Trunk Cable

HQ 540F

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 3.15mm
Insulation	Physically foamed PE	Φ 13.03mm
Outer conductor	Argon arc welded aluminum tube	
Flooding	Non-dripping Flooding Compound	
Jacket	Black PE	Φ 15.49mm

MECHANICAL PROPERTIES

Cable length	m	500/750/1000
Min. bending radius, standard	mm	168
Min. bending radius, bonded	mm	102
Max. tensile force	N	410

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

HQ 540F

ATTENUATION

Frequency MHz	Attenuation @20 °C, dB/100m	Attenuation @20 °C, dB/100ft
5	0.46	0.14
55	1.54	0.47
211	3.12	0.95
250	3.38	1.03
270	3.54	1.08
300	3.74	1.14
330	3.93	1.20
350	4.04	1.23
400	4.36	1.33
450	4.63	1.41
500	4.92	1.50
550	5.18	1.58
600	5.44	1.66
750	6.10	1.86
870	6.56	2.00
1000	7.12	2.17
1218	7.90	2.41

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

ENVIRONMENTAL PROPERTIES

RoHS 2011/65/EU

Compliant