

12C-FT

PRODUCT DESCRIPTION



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

CONSTRUCTION

Inner conductor	Copper clad aluminum or copper wire	Φ 2.77mm
Insulation	Physically foamed PE	Φ 11.50mm
Outer conductor	Argon arc welded aluminum tube	
Jacket	Black PE	Φ 15.10mm

MECHANICAL PROPERTIES

Cable length	m	500/750/1000
Min. bending radius 3 times	mm	302
Max. tensile force	N	1360

ELECTRICAL PROPERTIES

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

ATTENUATION

Frequency	Attenuation	Attenuation
MHz	@20 °C, dB/100m	@20 °C, dB/100ft
5	0.60	0.18
50	1.70	0.21
200	3.50	1.07
550	6.00	1.83
800	7.40	2.26
1000	8.50	2.59

ENVIRONMENTAL PROPERTIES

RoHS 2011/65/EU

Compliant