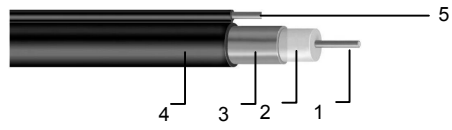


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HS Series Coaxial Cable

HS 540M

Construction		
Inner Conductor	Material	Copper Clad Aluminum
	Diameter, mm	3.15 ± 0.03
Insulation	Material	Physically Foamed PE
	Diameter, mm	13.03 ± 0.30
Outer Conductor	Material	Aluminum Tube
	Diameter, mm	13.72 ± 0.20
Jacket	Material	PE
	Diameter, mm	15.49 ± 0.20
Messenger	Material	Steel
	Diameter, mm	2.77 ± 0.02
Mechanical Properties		
Minimum Breaking Strength of Messenger, N		8160
Pulling Strength, N		1000
Adhesion Force, N		>150
Electrical Properties		
Impedance, Ω		75 ± 2
Capacitance, pF/m		50
Propagation Velocity, %		88
Jacket Spark Voltage, kV		5
Insulation Resistance, MΩ•km		>1 × 10 ⁴
Screening Attenuation, dB		110



1: Inner Conductor 2: Insulation
3: Outer Conductor 4: Jacket
5: Messenger

Figure: HS 540M coaxial cable

Attenuation	
Frequency MHz	Max. Attenuation @20°C, dB/100m
5	0.46
55	1.54
211	3.12
300	3.71
450	4.59
550	5.12
750	6.07
865	6.56
1000	7.12
Return Loss, dB	
5~1000MHz	≥20
Standards	
2011/65/EU	Compliant