

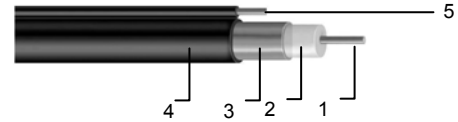
# Product Specification



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## Product Model HS C3.3/13.6+M

Construction		
Inner Conductor	Material	Copper
	Diameter, mm	3.30± 0.10
Insulation	Material	Physically Foamed PE
	Diameter, mm	13.60 ± 0.20
Outer Conductor	Material	Copper Tube(welded)
	Diameter, mm	14.08± 0.20
Jacket	Material	UV Resistance black PE
	Diameter, mm	Max. 18.00
Messenger	Material	Steel
	Diameter, mm	7 × Φ 1.7
Mechanical Properties		
Bending Radius, mm	Single	10 × Dia.
	Repeated	20 × Dia.
Pulling Strength, N		1000
Adhesion Force, N		>150
Electrical Properties		
Impedance, Ω		75±2
Capacitance, pF/m		50±5
Propagation Velocity, %		88
Jacket Spark Voltage, kV		5
Inner Conductor DCR, Ω/km		Max. 2.1 @20°C
Outer Conductor DCR, Ω/km		Max. 1.9 @20°C
Transfer Impedance, Ω/km		Max. 0.9 @5~30MHz
Insulation Resistance, MΩ•km		>1 × 10 <sup>4</sup>
Screening Attenuation, dB		>120 @30~1000MHz



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

Figure: HS C3.3/13.6+m coaxial cable

Attenuation	
Frequency MHz	Max. attenuation @20°C, dB/100m
5	0.50
50	1.40
100	1.90
200	2.80
400	4.10
800	6.00
862	6.20
Return Loss, dB	
5~30 MHz	>26
30~470 MHz	>26
470~1000 MHz	>23
Standards	
2011/65/EU	Compliant
CE Declaration	Compliant