

Product Specification

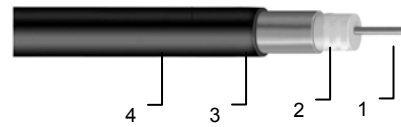


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HS Series Coaxial Cable

HS C3.3/13.6

| 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 |
| 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 ⁴ |
| Screening Attenuation, dB | | >120 @30~1000MHz |



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

Figure: HS C3.3/13.6 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 |