

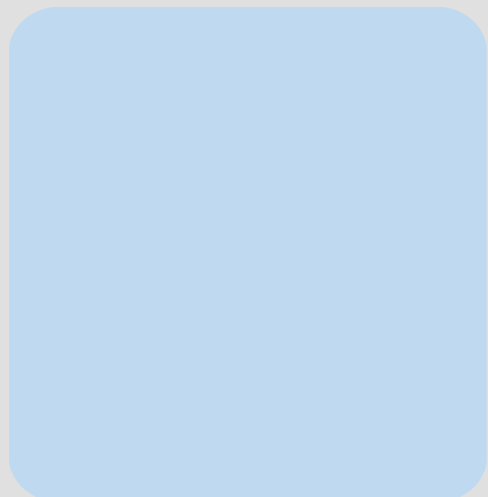
HS500-series

75 Ohm Coaxial cable

Trunk and distribution

I. Features and advantages

- Flooded specially formulated non-dripping coating on shield, for serious environments or burying condition, with stable electrical performance long service life.
- Messengered convenience in handling, higher efficiency.
- Outer Conductor of Aluminum tube type with excellent electrical performance, good transmitting reliability, and long service life, mainly applied to broad band CATV network as trunk and distribution cable, frequency range from 5MHz to 1000MHz, providing reliable transmission and anti-noise effects for double way network.
- Center Conductor of Copper clad Aluminium. Copper conductor consists of low or non-oxygen copper.
- Foaming rate as high as 80%, without polar residual, with excellent transmission property.
- Closed cell in dielectric preventing penetration of water and gas, with stable property and long service life.
- Cable jacket utilizes medium density Polyethylene.
- Standards adopted Q/HS 03-1995.



II. Technical Specifications

Physical Dimensions (Dia. mm)

Inner Conductor: 2.05
Dielectric: 8.60
Outer Conductor: 9.40
Jacket: 12.3
Steel Messenger: 2.77

III. Mechanical Characteristics

Dielectric Adhesion N (300 mm): 20
Minimum Breaking Strength of messenger: 816 Kgf

IV. Electrical Characteristics

Impedance (Ohm): 75 +/- 2.5
Capacitance (pF/m): 50
Return Loss VHF (≥dB): 23
Return Loss UHF (≥dB): 22

V. Attenuation (20°C)

Attenuation (20°C)



Frecuencia
(Mhz)

DB/100 m
(Máx.)

50 Mhz
200 MHz
300 MHz
450 MHz
550 MHz
550 MHz
750 MHz
800 MHz
1000 Mhz

1.60
3.30
4.20
5.20
5.80
5.97
7.00
7.20
8.10

VI. Packing Information

750 m. Aprox. wooden reel