

Signal Transmission Coaxial Cable

Coaxial cables are engineered for reliable signal transmission, featuring braided shielding to enhance signal integrity. The precision-engineered core ensures optimal conductivity, making it suitable for data, video, and communication systems.



ADDITIONAL IMAGES



Overview

High-Performance Coaxial Transmission

These high-performance coaxial cables are engineered for reliable signal transmission in demanding data, video, and communication systems. Featuring precision-crafted bare copper conductors and robust shielding, they ensure optimal conductivity and superior signal integrity. Designed to meet strict JIS standards, these cables provide excellent shielding effectiveness and consistent performance across various frequency ranges.

Certifications

Compliance & Standards

CE, RoHS, COC, JIS Standard

Construction

Material Composition

- Center Conductor: Bare Copper (BC)
- Dielectric: Polyethylene (PE)
- Shielding: B A/P Foil and Bare Copper Braid
- Outer Jacket: Polyvinyl Chloride (PVC)

Braid Coverage

56 %

Mechanical Properties

Operating Temperature

70 °C

Jacket Breakpoint

10.34 MPa

Electrical Properties

Impedance

75 ©

Impedance

Dielectric Strength 2500 Vac

Velocity of Propagation 85 %

Attenuation Data

Attenuation Values (dB/100m)

Frequency (MHz)	3C-2V	5C-2V	7C-2V	10C-2V
5	1.35	2.05	1.37	1.21
10	4.33	2.93	2.15	1.74
30	7.56	4.81	3.7	2.95
200	20.3	13.2	9.75	7.8
800	45.8	19.5	25.4	26.3