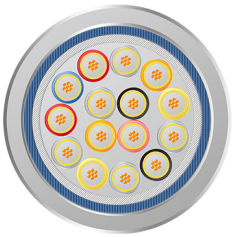
14-Core Superfine Coaxial Cable

This cable is used in fields such as surveillance, aerospace, and intelligent robotics. It features excellent resistance to bending, torsion, and electromagnetic interference, along with superior transmission characteristics.



Overview

High-Performance 14-Core Superfine Coaxial Cable

This 14-core superfine coaxial cable is engineered for demanding high-frequency signal transmission applications where precision and reliability are paramount. Featuring a robust construction with stranded tinned copper and silver-plated alloy conductors, the cable ensures excellent signal integrity. Designed to meet strict RoHS environmental standards, it offers versatile performance across a wide temperature range, making it an ideal choice for sophisticated electronic and communication systems.

Electrical Specifications

Rated Voltage	30 V
Characteristic Impedance (TDR)	50 OHM
Max Center Conductor Impedance (20°C)	7500 OHM/km
Min Insulation Resistance (20°C)	1000 M·OHM-km
Dielectric Strength	500V AC for 1 Minute

Environmental & Materials

Operating Temperature Range	-30°C to 50°C
Rated Temperature	80 °C
Compliance	RoHS, UL758

Construction Details

Conductor Materials

- Stranded tinned copper
- Silver-plated tin-copper alloy

Shielding Components

- Silver-plated copper
- Tin-plated copper alloy
- Copper foil
- Color layer PET wrap

Insulation Material	PFA