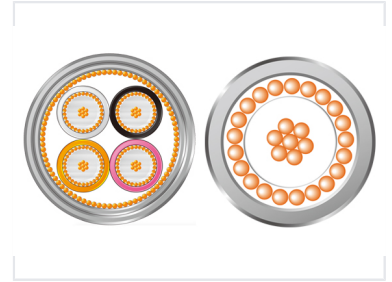


Endoscope Connection Cable

This cable connects endoscopes to medical facilities for internal organ examinations. It features a multi-core configuration within a durable, flexible sheath for optimal signal integrity.



Overview

High-Performance Endoscope Connectivity

This endoscope connection cable is engineered for demanding medical imaging applications requiring high signal integrity and mechanical durability. Featuring a sophisticated multi-layer construction with multiple shielding layers, it offers excellent anti-EMI performance and reliable data transmission. Designed to withstand rigorous use, the cable is both anti-torsion and resistant to bending, ensuring consistent performance in clinical environments.

Electrical Specifications

Characteristic Impedance

50 Ω

Impedance

Conductor Resistance (20)

7500 Ω·m

Max Resistance

Dielectric Strength AC500V 1min

Insulation Resistance 1000MΩ·m

Mechanical & Environmental

Operating Temperature -15 to 80

Minimum Bending Radius 15x cable diameter

Key Properties Resistant to bending, Anti-torsion, Excellent anti-EMI performance

Cable Construction

Construction Materials

Component	Material
Conductor	Stranded alloy wire
Insulation	Fluoroplastic
Shield 1	Tinned copper alloy
Shield 2	Cu metalized polyester tape
Shield 3	Tinned copper
Jackets	PET / PET tape