

# Trunk Cable with Low Attenuation

This trunk cable is engineered for reliable signal transmission in diverse applications, offering stable impedance and high return loss. It boasts excellent electrical characteristics, including low attenuation, alongside robust mechanical properties like tensile strength and flexibility.



## Overview

### High-Performance Trunk Cable

The FK-540-L trunk cable is engineered for reliable, high-frequency signal transmission in demanding professional environments. Featuring advanced physical foam insulation and a bare copper conductor, it ensures consistent electrical stability and durability. With low attenuation and high return loss, this cable is built to maintain signal integrity over long distances.

## Performance Metrics

### Featured Metrics

**75  $\Omega$**

Impedance

**85 %**

Velocity of Propagation

**150 N**

Tensile Strength

### Attenuation Table (dB/100m)

Frequency (MHz)	Max Attenuation
200	2.10
450	2.70
600	3.10
750	3.40
870	3.70
1000	4.10

## Construction

### Material Composition

- Bare copper conductor
- Physical foam PE insulation
- Double-sided aluminum foil shielding
- PVC outer sheath

### Compliance Badges

Return Loss e20dB