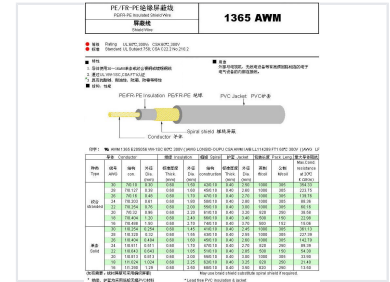


# Shielded Internal Wiring Cable

This PE/FR-PE insulated shield wire cable is designed for internal connections in electronic and electrical equipment. It conforms to UL Subject 758 and CSA C22.2 No. 210.2 standards, offering resistance to acids, alkalis, oil, moisture, and mildew.



## Overview

### High-Performance Shielded Internal Wiring

This PE/FR-PE insulated shielded cable is engineered for reliable internal connections in electronic and electrical equipment, particularly those involving high-frequency circuits like televisions and wireless devices. It is built to withstand challenging environments with excellent resistance to acids, alkalis, oil, moisture, and mildew. Constructed with lead-free and cadmium-free materials, this cable ensures both safety and durability for professional applications.

## Compliance & Standards

### Environmental Compliance

Lead-free • Cadmium-free

### Certifications

UL Subject 758, CSA C22.2 No. 210.2, UL VW-1SC, CSA FT1

## Technical Ratings

### Temperature Rating

**60 °C**

Operating Temperature

### Voltage Rating

**300 V**

Voltage

## Construction

### Conductor Material

Bare copper or tinned copper

### Shielding Type

Spiral shield (Braid shield available upon request)

### Insulation & Jacket Material

PE/FR-PE Insulation, PVC Jacket

## Specifications Table

### Stranded Conductor Specifications

AWG	Construction	Max Resistance (Ω/km)
30	7/0.10	354.33
28	7/0.127	223.75
26	7/0.16	139.76
24	7/0.203	88.36
22	7/0.254	60.16
20	7/0.32	38.58
18	7/0.404	22.98
16	7/0.488	15.06

### Solid Conductor Specifications

AWG	Construction	Max Resistance (Ω/km)
30	1/0.254	361.13
28	1/0.320	227.39
26	1/0.404	142.79
24	1/0.511	89.39
22	1/0.643	54.30
20	1/0.813	33.90
18	1/1.024	21.40
16	1/1.290	13.50