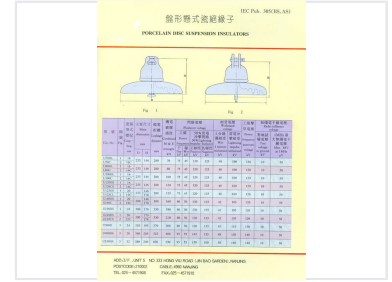


# Data Transmission Cable

This cable facilitates data transmission between electronic devices. It ensures reliable connectivity for various applications.



## Overview

### High-Voltage Porcelain Disc Suspension Insulators

These porcelain disc suspension insulators are engineered for high-voltage power transmission and distribution systems, ensuring reliable performance in diverse environmental conditions. Manufactured according to IEC Pub. 305 (BS, AS) standards, they offer exceptional mechanical and electrical strength. The range includes various models designed to meet specific electrical requirements, including high flashover and withstand voltage capacities.

## Technical Standards

Compliance Standards	IEC Pub. 305, BS, AS
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## Performance Metrics

### Key Performance Metrics

**530 kN**

Max M&E Strength

**1 MHz**

RIV Test Frequency

**50 V<sub>a</sub>**

Max RIV at 1MHz

## Model Specifications

### Insulator Technical Data

Model (Cat. No.)	M&E Strength (kN)	Leakage Distance (mm)	Dry Flashover (kV)	Wet Flashover (kV)	Puncture Voltage (kV)
U70BL / U70C	70	280	75	45	100
U100BL / U100C	100	280	75	45	100
U160BS / U160C	160	300	80	50	105
U300B	300	370	80	50	110
U530BS	530	600	95	55	140

## Physical Dimensions

### Standard Dimensions

- Diameter (D) ranges from 255mm to 380mm
- Height (H) ranges from 146mm to 240mm
- Coupling sizes available: 16, 16C, 20, 19C, 24, 28, 32

## Electrical Characteristics

### Voltage Withstand Capabilities

- Power frequency 1-minute wet withstand voltage
- Lightning impulse withstand voltage
- Positive and negative 50% lightning impulse flashover
- Power frequency puncture voltage up to 140kV