

# Cable Type Flexible Duplex

2x10 AWG

**Nexans Ref.:** 10011036

Soft copper flexible conductor PVC insulated.

## DESCRIPTION

### Application

Light service cord, installations and portable connections.

### Construction

#### Conductor

Flexible soft copper conductor.

#### Insulation

Polyvinyl Chloride (PVC).

### Applicable Standards

- NTC 5521
- NTC 359

#### Certificate

RETIE and NORMA N° 03263

#### Operating Temperature

60°C

#### Operating Voltage

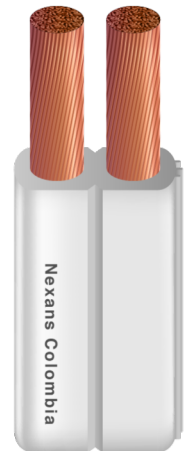
300V

### Marking

- Polarization ridges in one of the conductors.
- Codes for insulation in white color.

#### Opcional

- Insulation in colors.
- Other packing are aviable upon request.



Cable flexibility  
**Flexible**



Maximum operating temperature  
**60 °C**

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## CHARACTERISTICS

### Construction characteristics

Insulation	PVC
Conductor material	Flexible Copper

### Dimensional characteristics

Conductor cross-section	5.23 mm <sup>2</sup>
Average insulation thickness	0.76 mm
Width	8.6 mm
Height	4.5 mm
Approximate weight	121 kg/km
Conductor cross-section (AWG)	10

### Electrical characteristics

Max. DC resistance of the conductor at 20°C	3.41 Ohm/km
Ampacity	30.0 A
Operating voltage	300 V

### Mechanical characteristics

Cable flexibility	Flexible
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### Usage characteristics

Maximum operating temperature	60 °C
Packaging	coil 100 m

## TESTING CONDITIONS

- Ambient temperature 30°C according to NTC 2050 Section 400. Two current carrying conductors.
- Data indicated in this table are subject to normal manufacturing tolerances.

### Bogotá Sala de Ventas

Carrera 12 No 13 - 46  
PBX: 6013360755 - 6013412439  
Celular: 312 3055335

### Centro de Distribución

Carrera 18 No 19A - 36  
PBX: 6013360755 EXT: 2101

