



**Product: [BE43906](#)**

**LIGHTNING CONTROL DMX512 PVC**

**Product Description**

LIGHTNING CONTROL 2 PAIR 22AWG/0.34mm<sup>2</sup> DMX512 PVC

**Technical Specifications**

**Product Overview**

Suitable Applications:	DMX 512 lighting control applications
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**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	Construction n x D
22	7x30	TC - Tinned Copper	7x0.25 mm

Conductor Count:	4
Total Number of Pairs:	2

**Insulation**

Type	Material	Nominal Diameter	Diameter +/- Tolerance
Insulation	PE - Polyethylene	1.35 mm	0.10 mm

**Color Chart**

Number	Color
Pair 1	White & Red
Pair 2	Green & Black

**Outer Shield**

Type	Material	Coverage [%]	Thickness of Foil	Drainwire Material	Drainwire AWG	Drainwire Construction n x D	Drainwire Position
Braid	Tinned Copper (TC)	80%		TC - Tinned Copper	24	7x0.20 mm	Over foil, under braid
Tape	Bi-Laminate (Alum+Poly)	100%	9/23 µm				

**Outer Jacket**

Material	Nominal Diameter	Diameter +/- Tolerance
PVC - Polyvinyl Chloride	6.80 mm	0.25 mm

Table Notes:	Flexible Matte Finish Sheath
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**Construction and Dimensions**

**Cabling**

Description
2 pairs twisted

**Electrical Characteristics**

**Conductor DCR**

Max. Conductor DCR	Max. Outer Shield DCR
58 Ohm/km	15 Ohm/km

## Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
70 pF/m	112 pF/m

## Inductance

Nominal Inductance
0.68 $\mu$ H/m

## Temperature Range

Storage Temp Range:	-25°C To +70°C
Other Temp Range:	-5 to +70 °C

## Mechanical Characteristics

Bulk Cable Weight:	61 kg/km
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## Standards

CPR Euroclass:	Fca
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## Applicable Environmental and Other Programs

Environmental Space:	Indoor
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## Related Part Numbers

### Variants

Item #	Color	Put-Up Type	Length	EAN
BE43906.00250	Black	Reel	250 m	8719605026606
BE43906.00500	Black	Reel	500 m	8719605026613
BE43906.001000	Black	Reel	1,000 m	8719605026590
BE43906.01250	Blue	Reel	250 m	8719605026637
BE43906.01500	Blue	Reel	500 m	8719605026644
BE43906.011000	Blue	Reel	1,000 m	8719605026620

## History

Update and Revision:	Revision Number: 0.173 Revision Date: 04-08-2022
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