



Part Number: BE43906.001000  
LIGHTNING CONTROL DMX512 PVC

## Product Description

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

## Technical Specifications

Suitable Applications:	DMX 512 lighting control applications
------------------------	---------------------------------------

## Construction and Dimensions

### Conductor:

AWG	Stranding	Material	Construction n x D
22	Stranded	Tinned copper	7x0.25 mm

Total Number of Conductors:	4
-----------------------------	---

Total Number of Pairs:	2
------------------------	---

### Insulation:

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

### Color Chart 1:

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

### Outershield 1:

Type	Material	Coverage [%]	Thickness of Foil	Drainwire Material	Drainwire AWG	Drainwire Construction n x D	Drainwire Position
Braid	Tinned copper (24x4x0.13mm)	80 %		Tinned copper	24	7x0.20 mm	Over foil, under braid
Foil, Aluminum outside	Aluminum / Polyester	100 %	9/23 µm				

### Outerjacket 1:

Material	Color	Nominal Diameter	Diameter +/- Tolerance
Flexible PVC with matte finish	Black (RAL 9005/1013) and Blue (RAL 5015/1013)	6.80 mm	0.25 mm

## 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 µH/m

### Voltage:

Voltage Rating [V]
900 V

## Temperature Range

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

## History

Revision Number:	5
------------------	---

## Product Variants

Part Number	Color	Put-Up Type	Length
BE43906.001000	BLACK	Reel	1000 m
BE43906.00250	BLACK	Reel	250 m
BE43906.00500	BLACK	Reel	500 m
BE43906.011000	BLUE	Reel	1000 m
BE43906.01250	BLUE	Reel	250 m
BE43906.01500	BLUE	Reel	500 m
BE43906.001000			

© 2017 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.