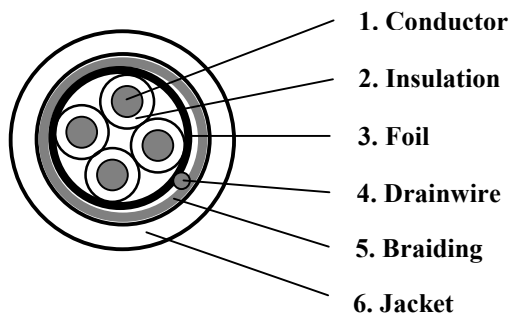


Application

DMX 512 lighting control applications.

Construction & Dimensions



1. Conductor		
Material		Bare copper.
Dimensions		7 x 0.25 mm (AWG 22/0.34 mm ²)
2. Insulation		
Material		Polyolefine
Diameter over insulation		1.35 mm
Colour of insulation		White-green, red-black
Number of pairs		2, stranded together
3. Foil		
Material		Beldfoil ®
4. Drainwire		
Material		Tinned copper
Dimension		7 x 0.20 mm (AWG24)
5. Braiding		
Material		Tinned copper
Coverage		80%
6. Jacket		
Material		flexible PVC with matte finish
Diameter over jacket		6.80 mm
Colour and text		See table Marking

Requirements and test methods

Electrical:

Nominal impedance at 256 kHz	110 Ohm
Maximum resistance conductor @ 20°C	58 Ohm/km
Maximum resistance shield @ 20°C	15 Ohm/km
Minimum insulation resistance @ 20°C	
Nominal capacitance conductor to conductor @ 1 kHz	64 pF/m
Nominal capacitance conductor to other conductor and screen @ 1 kHz	112 pF/m
Nominal inductance @ 1 kHz	68 µH/m
Maximum operating voltage	900 V RMS

Mechanical and physical:

Temperature range - operation/storage	-25 to +70 °C
Temperature range - installation	-5 to +70 °C
Nominal cable weight	61 kg/km

Ordering information

MARKING

Jacket colour	RAL	Print legend
Black	9005	BELDEN 43906 DMX 512
Blue	5015	BELDEN 43906 DMX 512

Meter marking: Yes

PACKAGING (PUT-UP)

500m +/- 10% and 1000m +/- 10% non returnable plywood reels

Each reel is labelled with the following data:

Belden Logo. Belden code number. Item description.

Length on the reel. Date of manufacturing. CE marking.