

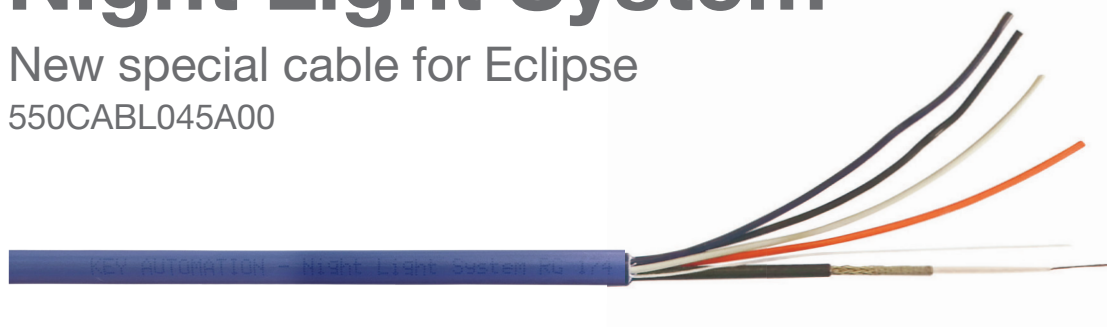
Key Automation News 03.2018



CAVO NLS - New single cable for Eclipse

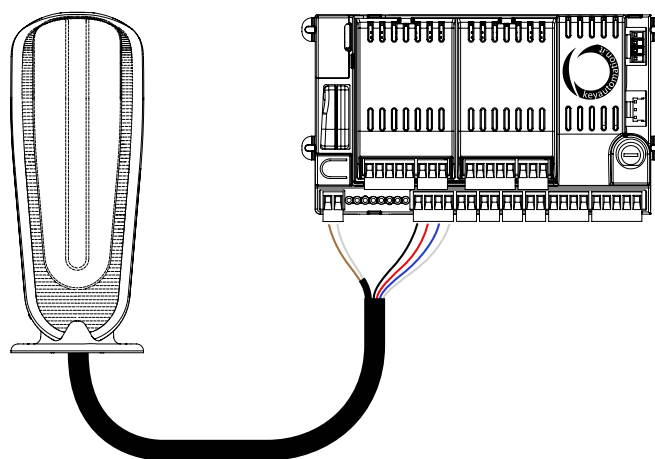
CABLE Night Light System

New special cable for Eclipse
550CABL045A00



Coaxial cable
RG174 50 Ohm + 4 × 0,50 mm²

From today you can connect the Eclipse to the control unit 14A with a single cable*. Available in 100 mt reels.



MADE IN ITALY

* We recommend not to exceed 4 mt connection length to avoid significant radio range losses.



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CONSTRUCTION PROPERTIES

description		dimensions	
1°	Inner conductor: copper clad steel 7 x 0,16 mm	CW	Ø 0,48 mm
2°	Insulation: Polyethylene	PE	Ø 1,50 mm
3°	Braid: tinned copper wires	CuSn	Ø 1,90 mm
4°	Sheath: Polyvinylchloride FLAME RETARDANT colours BLACK	PVC-AF	Ø 2,70 mm
5°	4 x 0,50mmq red copper /jacket PVC	CU/PVC	Ø 1,55 mm
6°	Jacket LS0H colours WHITE/BLUE	LS0H	Ø 7,30 mm +/- 0,2

ELECTRICAL SPECIFICATIONS

description		value	
Screening Attenuation		dB	>50
Braid coverage		%	88
DC Resistance	Inner conductor	Ohm/Km	290
	Outer conductor	Ohm/Km	42
Nominal Impedance		Ohm	50 +/- 2
Capacitance approx		pF/m	99 +/- 2
Velocity ratio		%	66
Maximum voltage (spark test)		kv	2,5

MECHANICAL PROPERTIES

description		value	
Minimum bending radius		mm	30/60
Total weight		Kg / Km	69,3
Copper weight		Kg / Km	21

RETURN LOSS

frequency	value
20 -470 MHz	dB > 21
470-1000 MHz	dB > 18

ATTENUATION dB/100 m

frequency	value
50 MHz	dB 20
100 MHz	dB 30
200 MHz	dB 42,5
300 MHz	dB 51
500 MHz	dB 65
800 MHz	dB 81
1000 MHz	dB 95,0

MAX POWER

frequency	value
100 MHz	W 50
400 MHz	W 25
1000 MHz	W 15

CONFORMITY: MIL C17 EN50117 - 2-5; EUROPEAN NORM RoHS



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