



✓ installation ✓ mobile ✓ RoHS ✓ REACH ✓ CE

3/1, RGB

LED-cable, PVC, high flexible

quality at the highest level

Application / Description

High flexible LED-supply line with four cores RGB in the corresponding colours and a common return with a cross section of 1,0qmm in colour black. The colour code will be simplify the installation.

Product range

Order-No.	Dimension	Conductor dimension <i>qmm</i>	O.D.		Cu-weighth <i>kg/km</i>	Colours
			<i>approx.</i> <i>mm</i>	<i>weight</i> <i>kg/km</i>		
AA-KAB-03	3x0,5+1x1,0 qmm	0,50	5,10	45,0	24,3	black (with print)
AA-KAB-03W	3x0,5+1x1,0 qmm	0,50	5,10	45,0	24,3	white (without print)

Construction / RGB

Conductor	finest bare stranded copper wire
Structure of conductor	128 x 0,07 mm
Conductor dimension	0,50 qmm
number of cores	depending on the article
Core insulation	PVC acc. to VDE 0207
Core colour sequence	rd, gn, bu

Construction / common return

Conductor	finest, bare stranded copper wire
Structure of conductor	259 x 0,07 mm
Conductor dimension	1,00 qmm
Core insulation	PVC acc. to VDE 0207
Core colour sequence	black

Construction

Twisting	cores in layers
Outer jacket	S-PVC acc. to VDE 0207
Outer jacket colour	depending on the article
Imprint	depending on the article

Technical characteristics

Temperature range	static: -20 °C to +70 °C dynamic: -10 °C to +70 °C
Bending radius static	> 8 x O.D.
Bending radius dynamic	> 12 x O.D.
Operating voltage	500 V
Testing voltage	2.500 V
Insulation resistance	> 200 MOhm x km at + 20°C

Packaging

Spools at 100m, Reels

Lower and upper lengths according to availability. Special packaging on request.