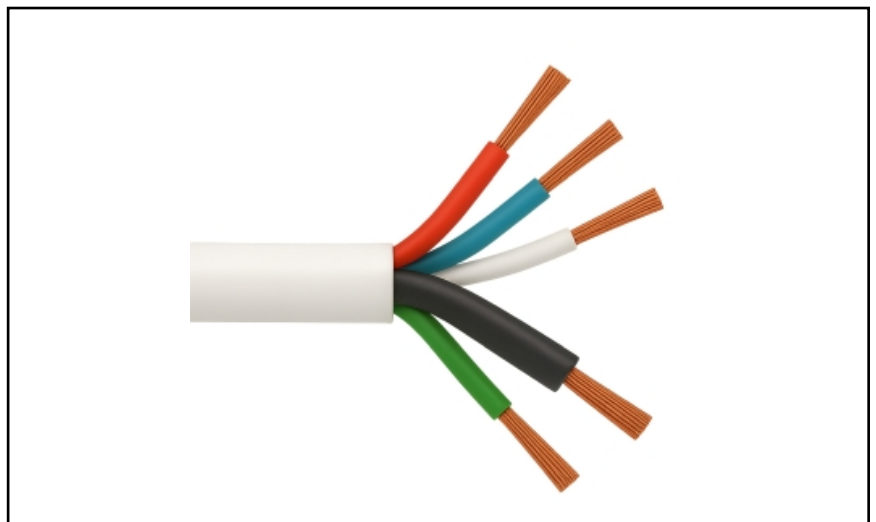


Features

- For use as LED supply cable
- RGBW Color Code
- Black PVC jacket
- Highly Flexible

RS PRO 4 Core LED Cable, 0,50 mm² plus 1 x 1,00 mm², 100 m, unscreened

RS Stock No.: 534-230



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

LED supply cables from RS are highly flexible cables specifically designed for use in LED applications. They feature 4 color-coded conductors in the corresponding RGB(W) colors, along with a common return conductor with double cross-section in black. This clear conductor coding simplifies assembly work and ensures fast, error-free installation. Thanks to their high flexibility and compact design, these cables are ideal for use in luminaires, profiles, and other space-critical applications in lighting technology.

General Specifications

Cable type	Multicore
Shielding	unscreened
Number of cores	4/1
Cross-section	0,50 mm ² /1,00 mm ²

Mechanical Specifications

Conductor	Stranded bare copper
Structure of conductor	0,50 mm ² : 128 x 0,07 mm 1,00 mm ² : 259 x 0,07 mm
Core insulation	Polyvinyl chloride PVC
Core diameter	0,50 mm ² : approx. 1,60 mm 1,00 mm ² : approx. 2,10 mm
Colour sequence	RGBW
Twisting	Cores in Layers
Jacket material	Polyvinyl chloride PVC
Jacket colour	White
Outer diameter	5,9 mm
Bending radius static	min. 8 x outer diameter
Bending radius dynamic	min. 12 x outer diameter
Temperature range static	-20°C to +70°C
Temperature range dynamic	-10°C to +70°C

Electrical Specifications

Operating voltage	500 V
Testing voltage	2500 V
Insulation resistance	min. 20 MOhm x Km at +20°C

Approvals

Compliance	R CE, RoHS, REACH
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