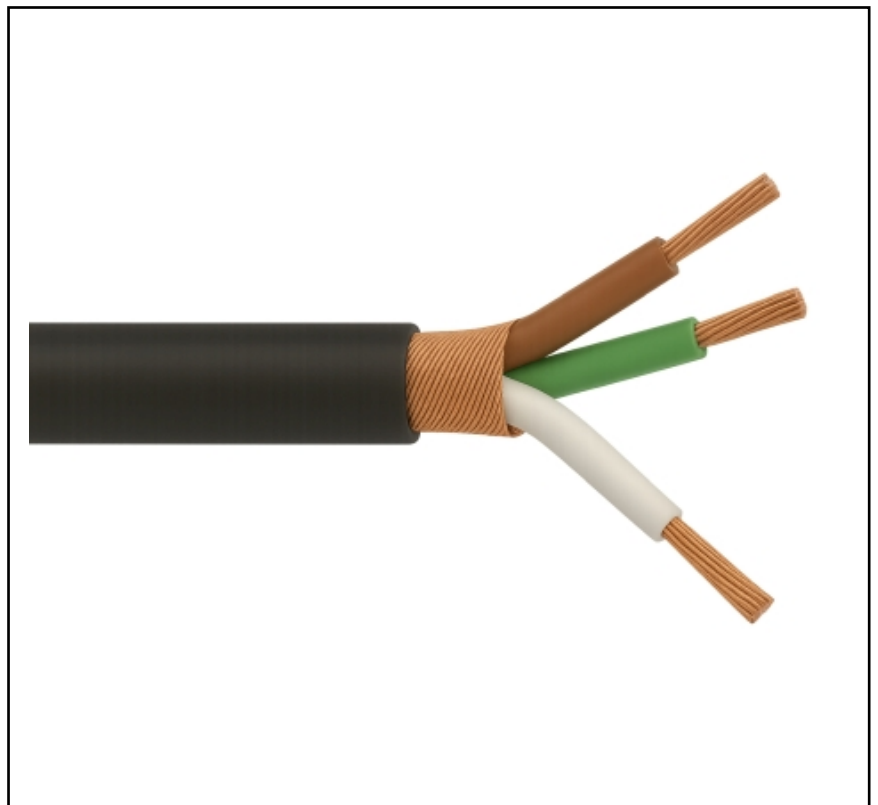


## Features

- For use among other things in miniature devices, alarm and signaling systems
- DIN 47100 Color Code
- Black PVC jacket
- Extremely Flexible

## **RS PRO 5 Core YY- Control Cable flex, 0,05 mm<sup>2</sup>, 100m, screened**

RS Stock No.: 534-098



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

YY flex shielded control cables from RS are highly flexible, shielded cables with fine-stranded copper conductors, thin-wall PVC insulation, and an especially small outer diameter. They stand out for their exceptional flexibility, compact design, and clear core identification. With their integrated shielding, they also provide reliable protection against electromagnetic interference, making them ideal for use in space-critical applications as well as in environments prone to interference.

## General Specifications

Cable type	Multicore
Shielding	screened
Number of cores	5
Cross-section	0,05 mm <sup>2</sup>

## Mechanical Specifications

Conductor	Stranded bare copper
Structure of conductor	26 x 0,05 mm
Core insulation	PVC
Core diameter	approx. 0,75 mm
Colour sequence	DIN 47100
Twisting	Cores in Layers
Shield	Bare copper spiral shield
Jacket material	PVC
Jacket colour	Black
Outer diameter	3,2 mm
Bending radius static	min. 10 x outer diameter
Bending radius dynamic	min. 15 x outer diameter
Temperature range static	-20°C to +70°C
Temperature range dynamic	-5°C to +70°C

**Electrical Specifications**

Operating voltage	100 V
Testing voltage	500 V
Insulation resistance	min. 20 MOhm x Km at +20°C

**Approvals**

Compliance	CE, RoHS, REACH
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