

### Highlights:

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- Flexible PVC jacket
- 24 AWG stranded conductors
- 4 individual spiral shielded conductors

The SIG series cables are high quality signal cables for indoor fixed or mobile applications. They have a PVC jacket and are very easy to handle. The inner conductors are fitted with a durable shielding. This gives an excellent protection against interference of all kinds such as electromagnetic fields produced by dimmers, electric motors or power cables. The SIG series cables are "all-round" signal cables which are suited for all kinds of applications where reliable signal transmission is needed.



### Inner Conductors:

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### Shielding:

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### Usage:

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## Physical Characteristics:

Inner conductor	Insulation	Material	LDPE 1.3 mm (Ø)
		Colours	White / Red / Green / Blue
	Shielding	Spiral	BC 18 x 0.12 mm (Ø) (OFC)
Outer jacket	Material		Flexible PVC 5.5 mm (Ø)
	Colours		Black
Type of cable			Four conductor signal cable
Inner conductor	Material		BC 18 x 0.22 mm (Ø) (OFC)
	Section		0.20 mm <sup>2</sup>
	American Wire Gauge		24 AWG
	Number of conductors		4

## Mechanical Characteristics:

Temperature range	Fixed installation	- 40 °C till + 80 °C
	Flexible installation	- 25 °C till + 70 °C
Bending radius	Fixed installation	8 x outer diameter
	Flexible installation	10 x outer diameter

## Electrical Characteristics:

Capacitance	Cond/Shield	216 pF / m @ 1 MHz
	Cond/Cond	110 pF / m @ 1 MHz
Inductance	Cond/Shield	135 nH / m @ 1 MHz
	Cond/Cond	295 nH / m @ 1 MHz
Characteristic impedance		95 Ω ± 3 Ω
Cable Crosstalk		Min. 73.3 dB / 100 m

## Cross sections:

