

Highlights:

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

Product information:

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:



Shielding:



Product Features:

| | |
|-------------|--------------------|
| Application | AV & IT |
| Series | Bulk & Accessories |

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 | | 0.00031 ^{m²} |
| | American Wire Gauge | | 24 AWG |
| | Number of conductors | | 4 |

Mechanical Characteristics:

| | | |
|-------------------|---------------------|----------------------|
| Temperature range | Fixed installation | - 40 °C till + 80 °C |
| | Mobile installation | - 25 °C till + 70 °C |
| Bending radius | Fixed installation | 8 x outer diameter |
| | Mobile 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:

