

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.

Highlights

- Parallel & separable wires
- 25 AWG stranded conductors
- Spiral shielding



Inner Conductors



Shielding



Usage

MOBILE

RACK

INSTALL

Physical Characteristics

Type of cable	25 AWG Stereo signal cable		
Inner conductor	Material	BC 2 x 14 x 0.12 mm (Ø) (OFC)	
	Section	0.16 mm ²	
Insulation	Material	LDPE 1 mm (Ø)	
	Colours	White / Red ; White / Blue	
Number of conductors	2 x 2		
Shielding	Spiral	BC 32 x 0.12 mm (Ø) (OFC)	
Outer jacket	Material	Flexible PVC 4 x 8 mm (Ø)	
	Colours	Black	

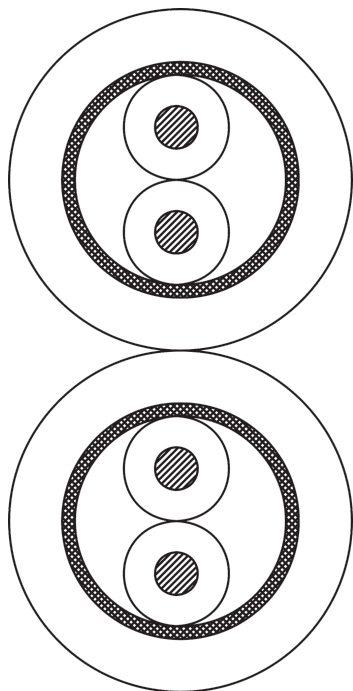
Mechanical Characteristics

Temperature range	Fixed installation	- 40 °C till + 80 °C
	Flexible installation	- 25 °C till + 70 °C
Bending radius	Fixed installation	6 x outer diameter
	Flexible installation	8 x outer diameter

Electrical Characteristics

Lead resistance		10.6 / 100 m
Cable Crosstalk		Min. 73.3 dB / 100 m
Capacitance	Cond/Cond	54 pF / m @ 1 kHz
	Cond/Shield	98 pF / m @ 1 kHz

Cross sections



Variants

- SIG58/1 - 100 meter
- SIG58/5 - 500 meter