

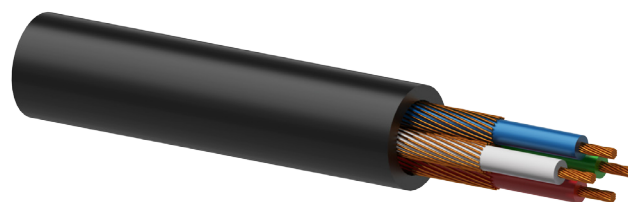
# SIG85

## Signal Cable - 4 Conductors



**PROCAB**  
**BASIC**  
**SERIES**



The SIG series cables are high quality signal cables for indoor, fixed or mobile applications. The outer PVC jacket provides good flexibility while maintaining sufficient protection against punctures. Every inner conductor is separately shielded. This gives a good overall 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 necessary.



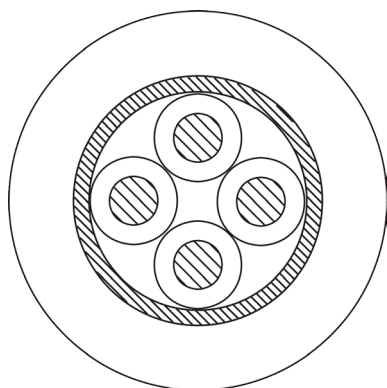
### Construction Specifications

Type of cable	Basic 4 Conductor Signal Cable
Inner conductor	 18 / 0.12 mm OFC
Inner conductor section	0.20 mm <sup>2</sup>
Insulation Colour	Red, White, Green, Blue
Insulation Type	LDPE Ø 1.3 mm
Number of Conductors	4
Shielding	 4 / 18 / 0.12 mm
Separator	None
Outer Jacket	Flexible PVC
Outer Jacket Colour	Black
Outer Jacket Dimensions	Ø 5.5 mm ± 0.1 mm
American Wire Gauge	24 AWG

### Available Lengths

Lengths	Ordering information
100 m plastic reel	SIG85/1 for 100 m
500 m wooden reel	SIG85/5 for 500 m

### Cross Section



### Electrical Specifications

Capacitance Cond/Shield @1MHz	216pF / m
Capacitance Cond/Cond @1MHz	110pF / m
Inductance Cond/Shield @1MHz	135nH / m
Inductance Cond/Cond @1MHz	295nH / m
Characteristic Impedance	95Ω
Conductor Resistance / 100 m	10.6Ω ± 10%
Cable Crosstalk / 100 m	Min 73.3dB

### Mechanical Specifications

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

### Typical Applications

Data transfer
In- and outdoor
Fixed installation
Rack cabling

### Features & Benefits

4 Conductor cable
Low conductor resistance
Every conductor is separately shielded

### Procab Basic Series

**BASIC**  
**SERIES**

Procab Basic series consist of a complete line containing all standard cables. Thanks to its simplicity, the Basic series have become very popular for all types of users.