

### Measuring Cable

#### Properties

- Minimum microphonic effect
- Shield cover > 90 %
- Very flexible
- Rugged outer shell

#### Application

- General test and measurement
- Fatigue
- Vehicle crash

#### Description

Due to the specially optimized cable design for minimal microphonic effect, this cable can also preferably be used in the crash area. Shocks and whiplashes only produce minimal interference signals. The grip characteristics and the flexibility of the cable sheath enable easy handling with high robustness against mechanical influences. The outer sheath made of thermoplastic is roughened and has a Shore hardness of 85 SH-A. The shield under the outer sheath has optical coverage > 90 % and thus reliably prevents external interference from interference fields.

### Cable configuration



5-pin cable



7-pin cable

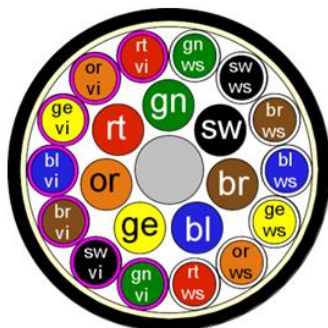


16-pin cable

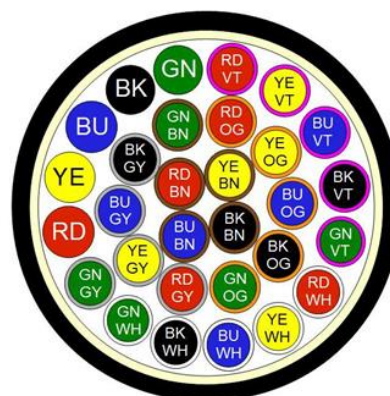
# Technical Data Sheet



COW00x10



21-pin cable



30-pin cable



## Technical specification

	Unit	Value	Comment
Cable cross-section	AWG	30	~0.05 mm <sup>2</sup>
Specific resistivity	Ω/km	385	Approximately
Shielding (optical coverage)	%	> 90	
Supply voltage	V	15	
Test voltage	V	500	
Minimum bending radius			
fixed installation		5 x d	
free movable		10 x d	
Temperature range			
fixed installation	°C	-50...+85	
free movable	°C	-40...+80	
Cover color		Black	Conform RAL 9005
Shore hardness	SH-A	85	
Number of single wires			
COW00E10	–	5	
COW00B10	–	7	
COW00C10	–	16	
COW00D10	–	21	
COW00J10	–	30	
Outside diameter			
wire isolation	mm	0.54	Approximate
COW00E10	mm	2.3	Approximate
COW00B10	mm	2.9	Approximate
COW00C10	mm	3.8	Approximate
COW00D10	mm	4.3	Approximate
COW00J10	mm	5.0	Approximate