

Cables

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Hybrid Cable	COW00P10; COW00N10	on request

*additional versions available on request!

COW00T10

5-pin cable

Description	Measuring Cable		
Cable cross-section	AWG	30	~0,05 mm ²
Specific resistivity	Ω/km	385	Approx.
Shielding (optical coverage)	%	> 90	
Supply voltage	V	25	
Test voltage	V	600	
Minimum bending radius Fixed installation Free moveable		5 x d 10 x d	
Temperature range Fixed installation Free moveable	°C °C	-90..+180 -55..+180	
Cover color		Red	~ RAL 3000
Outer sheath		FEP	
Number of single wires COW00T10		5	
Outside diameter Wire insulation COW00T10	mm mm	0,58 2,3	Approx. Approx.

COW00X10	Description		Measuring Cable	
	Cable cross-section	AWG	30	~0,05 mm ²
	Specific resistivity	Ω/km	385	Approx.
	Shielding (optical coverage)	%	> 90	
	Supply voltage	V	15	
	Test voltage	V	500	
	Minimum bending radius Fixed installation Free movable		5 x d 10 x d	
	Temperature range Fixed installation Free movable	°C °C	-50..+85 -40..+80	
	Cover color		Black	~ RAL 9005
	Shore hardness	SH-A	85	
	Number of single wires COW00E10 COW00B10 COW00C10 COW00D10 COW00J10		5 7 16 21 30	
	Outside diameter Wire insulation COW00E10 COW00B10 COW00C10 COW00D10 COW00J10	mm mm mm mm mm mm mm	0,54 2,3 2,9 3,8 4,3 5,0	Approx. Approx. Approx. Approx. Approx. Approx.



5-pin cable



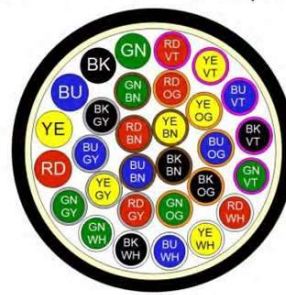
7-pin cable



16-pin cable



21-pin cable

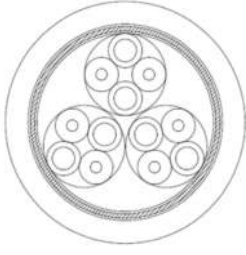


30-pin cable

COW00Y10

2&2-pin cable

Description	Digital Cable		
Cable cross-section			
Power section	AWG	22	~0,35 mm ²
Data section	AWG	28	~0,08 mm ²
Specific resistivity			
Power section	Ω/km	58	Approx.
Data section	Ω/km	222	Approx.
Capacity	pF/m	35	
Termination	Ω	120	
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	~ RAL 9005
Shore hardness	SH-A	85	
Number of single wires			
COW00N10		4	
Outside diameter			
Wire insulation	mm	1,05	Approx.
COW00N10	mm	3,75	Approx.

COW00Q10 	Description		Hybrid Cable Shielded 3 x 2 x AWG32 + 3 x 2 x 0,14 mm ²	
	Cable cross-section	AWG mm ²	2 x 32 2 x 0,14	
	Resistance	Ω/km Ω/km	137 557	≥ AWG 32 ≥ 0,14 mm ²
	Insulation resistance	MΩ x km	20	
	Test voltage	kV kV	1,0 0,5	Wire/Wire Wire/Shield
	Capacity (Wire/Wire)	pF/m	38	nom., (Digital-Pair), estimated value
	Temperature range	°C	-20..+60	
	Outside diameter	mm	5,3	
	Bending radius		5 x Cable-Ø 10 x Cable-Ø	One-time Moving