

# Data Sheet | Item Number: 706-2500/306-1500

System cable; for Siemens S7-1500; 2 x 16 digital inputs or outputs; Length: 15 m;  
 Conductor cross-section: 0.14 mm<sup>2</sup>



<https://www.wago.com/706-2500/306-1500>



Similar to illustration



Similar to illustration



Similar to illustration

Color coding	Pin	Signal	PC connection
<b>Order code: 706-2500/306-1500</b>			
<b>Order: 2-Channels 16 I/O</b>			
Color	Pin	Signal	PC connection
White	1	DI/F 01	1
Brown	2	DI/F 02	2
Green	3	DI/F 03	3
Yellow	4	DI/F 04	4
Blue	5	DI/F 05	5
Pink	6	DI/F 06	6
Black	7	DI/F 07	7
Red	8	DI/F 08	8
Black	9	DI/F 09	9
Black	10	DI/F 10	10
Grey-Black	11	DI/F 11	11
Black	12	DI/F 12	12
White-Green	13	DI/F 13	13
Brown-Black	14	DI/F 14	14
White-Black	15	DI/F 15	15
Yellow-Black	16	DI/F 16	16
White-Grey	17	DI/F 17	17
Grey-Black	18	DI/F 18	18
White-Black	19	DI/F 19	19
Black-Black	20	DI/F 20	20
Black-Black	21	DI/F 21	21
<b>Order code: 306-1500</b>			
<b>Order: 2-Channels 16 I/O</b>			
Color	Pin	Signal	PC connection
White	1	DI/F 01	1
Brown	2	DI/F 02	2
Green	3	DI/F 03	3
Yellow	4	DI/F 04	4
Blue	5	DI/F 05	5
Pink	6	DI/F 06	6
Black	7	DI/F 07	7
Red	8	DI/F 08	8
Black	9	DI/F 09	9
Black	10	DI/F 10	10
Grey-Black	11	DI/F 11	11
Black	12	DI/F 12	12
White-Green	13	DI/F 13	13
Brown-Black	14	DI/F 14	14
White-Black	15	DI/F 15	15
Yellow-Black	16	DI/F 16	16
White-Grey	17	DI/F 17	17
Grey-Black	18	DI/F 18	18
White-Black	19	DI/F 19	19
Black-Black	20	DI/F 20	20
Black-Black	21	DI/F 21	21

**Notes**

Note: When using more than 10 wires, the maximum current per wire must be reduced to 0.7 A.

Electrical data	
Inputs/outputs	2 x 16 digital inputs or outputs
Operating voltage	≤ 35 VAC/VDC
Current per wire (max.)	1 A

### Connection Data

Cable type	LiYY
Color code	per DIN VDE 47100

### Connection 1

Pluggable connector	Pluggable connector per DIN 41651; female connector
Pole number 1	20
Connection type	System
Wire cross-section	0.14 mm <sup>2</sup>

### Connection 2

Connector	Pluggable connector per DIN 41651; female connector
Pole number	20
Connection type	System
Wire cross-section	0.14 mm <sup>2</sup>

### Connection 3

Connector	Pluggable connector per DIN 41651; female connector
Pole number	40
Connection type	System

### Physical data

Cable length	15 m
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### Material data

Fire load	0 MJ
Weight	2183 g

### Environmental requirements

Ambient temperature (operation)	-20 ... +50 °C
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### Commercial data

PU (SPU)	1 pcs
Packaging type	Bag
GTIN	4066966421958
Customs tariff number	85444290900

### Product Classification

UNSPSC	26121629
ETIM 9.0	EC000237
ETIM 10.0	EC000237
ECCN	NO US CLASSIFICATION

### Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Downloads

Documentation

System Description

WAGO System Wiring, Selection Guide	pdf 533.15 KB	
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