

Cable - FLKMIL-50/4FLK14/EZ-DR/4500/CS - 2902911

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Assembled round cable with a 50-pos. socket strip and four 14-pos. socket strips, for splitting 32 channels into 4 x 8 channels. The cable is suitable for ADV561 and ADV161 cards. Cable length: 45.0 m



Key commercial data

Packing unit	1
GTIN	4 046356 696739
Custom tariff number	85444290

Technical data

General

Nominal voltage U_N	30 V DC
Max. current carrying capacity per path	500 mA (Up to 55°C ambient temperature)
Max. conductor resistance	0.16 Ω /m
Length of cable	45 m
Single wire, cross section	0.14 mm ²
AWG	26
Conductor construction: Number of litz wires:	7
Single wire, material	Cu tin-plated
External diameter	11 mm
Shielding	yes
Outer sheath, material	PVC
External sheath, color	Gray RAL 7035

Environmental conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Flame resistance	IEC 60332-1

Connector, module side

Number of positions	14
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Connector, module side

Connectors	IDC/FLK socket strip (2.54 mm)
Number of plugs	4

Connector, controller side

Number of positions	50
Connectors	IDC/FLK socket strip (2.54 mm)
Number of plugs	1

Supported controller

Controller	YOKOGAWA CENTUM CS3000R3
- suitable I/O card	ADV161
	ADV561
Controller	YOKOGAWA STARDOM
- suitable I/O card	NFDV161
	NFDV561

Classifications

eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	27061801
eCl@ss 6.0	27061801
eCl@ss 7.0	27061801
eCl@ss 8.0	27249205

ETIM

ETIM 3.0	EC000237
ETIM 4.0	EC000237
ETIM 5.0	EC000237

UNSPSC

UNSPSC 6.01	26121620
UNSPSC 7.0901	26121620
UNSPSC 11	26121620
UNSPSC 12.01	26121620
UNSPSC 13.2	26121620

Approvals

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Approvals

Approvals

EAC

Ex Approvals

Approvals submitted

Approval details

EAC

Drawings

Connection diagram

50-pos. connector to the I/O card	4 x 14-pos. connector to the module	Wire color
50	Byte 0	1 black
49		3 brown
48		5 red
47		7 orange
46		9 yellow
45		11 green
44		13 blue
43		15 violet
42		44 gray
41		39 white
40	Byte 1	17 white-black
39		19 white-brown
38		21 white-red
37		23 white-orange
36		25 white-yellow
35		27 white-green
34		29 white-blue
33		31 white-violet
32		43 white-gray
31		37 brown-black
30	Byte 2	2 brown-red
29		4 brown-orange
28		6 brown-yellow
27		8 brown-green
26		10 brown-blue
25		12 brown-violet
24		14 brown-gray
23		16 brown-white
22		42 green-black
21		36 green-brown
20	Byte 3	18 green-red
19		20 green-orange
18		22 green-blue
17		24 green-violet
16		26 green-gray
15		28 green-white
14		30 yellow-black
13		32 yellow-brown
12		41 yellow-red
11		34 yellow-orange

