

Fireco masts

Internal electrical/coaxial/data Spiralled cable

Fireco has wide range of electrical cables which can be mounted inside the telescopic masts.

The spiralled cables provide power, video signals and data transmissions to the devices mounted on top of the mast. This internal solution provides a much longer lifetime than the external cable solution. The internal cable is much lighter than the external solution. The cables are specifically manufactured for the masts and have therefore special characteristics. In the range there are also several coaxial cables, fiber optic and a CAT 5/6 wires in order to mount cameras and other measurement equipment.

Cable Code	Description	Cable Code	Description
B	4 x 1.5mm ²	Z	9 x 1.5 + 13 x 0.22mm ² shielded
H	5 x 1 + 4 x 0.5mm ²	S2	4 x 1.5 + 1 Coax 75 Ohm
D	7 x 1.5mm²	I2	8 x 1 + 4 x 0.5 + 1 Coax 75 Ohm + 2 Coax 50 Ohm
G2	9 x 2.5mm ²	W	11 x 1.5 + 8 x 0.5 + 4 x 0.14 shielded + 1 Coax 75 Ohm
I	8 x 1 + 4 x 0.5mm ²	E2	10 x 1 + 4 Coax 75 Ohm
E	12 x 1.5mm ²	ZXS	11 x 1.5 + (2 x 1.5 shielded) + 7 x 0.6 + 1 Coax 75 Ohm + 2 (RILS 6x4)
N	5 x 2.5 + 4 x 0.6mm ²	J	2 x 6 + 2 x 1.5 + 1 x 0.75 + 2 x 1 (CAN)
T	13 x 1.5 + 7 x (2 x 0.35)	U2	9 x 0.5 + 7 x 1.3 + (2 x 20 AWG) ST + (2 x 18 AWG) ST + 1 MICRO Coax 75 Ohm
P	5 x 1.3 + 13 x 0.5mm ²	R	7 x 16 AWG + 12 x 22 AWG + 2 x (2 x 24 AWG)
L	7 x 1.5 + 14 x 0.35mm ² + CAT 5/6	U3	2 Micro Coax 75 Ohm + 2 x F/UTP CAT 5 + 6 x 18 AWG + 4 Fibre optic 50/125
V2	11 x 1.5 + 8 x 0.6mm ²	M	8 x 1.5 + 4 x 4 x 24 AWG + 1 x 2.5 + 8 Coax 75 Ohm
L2	3 x CAT 5E + 3 x 1.5 + 2 x 2.5 + 4 x 0.5mm	US	1 x CAT 5E + 1 x Coax 75 Ohm + 1 Coax 50 Ohm + 8 x 18 AWG + 4 x 24 AWG
X	17 x 1.5mm ²		

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Spiralled cable

Mast Ø	Sections	B	H	I	D	E	G2	P	S2
		4 x 1.5	5 x 1 + 4 x 0.5	8 x 1 + 4 x 0.6	7 x 1.5	12 x 1.5	9 x 2.5	5 x 1.3 + 13 x 0.5	9 x 2.5
64	3	O	O	X	X	X	X	X	X
77	3	O	O	O	O	X	X	O	O
77	4	O	O	X	X	X	X	X	X
90	3	O	O	O	O	O	X	O	O
90	4	O	O	O	O	X	X	O	O
90	5	O	O	X	X	X	X	X	X
115	4	O	O	O	O	O	X	O	O
115	5	O	O	O	O	O	X	O	O
115	6	O	O	O	O	X	X	O	O
115	7	O	O	X	X	X	X	X	X
152	6	O	O	O	O	O	O	O	O
152	7	O	O	O	O	O	X	O	O
152	8	O	O	O	O	O	X	O	O
152	9	O	O	O	O	X	X	O	O
200	8	O	O	O	O	O	O	O	O
200	9	O	O	O	O	O	O	O	O
200	10	O	O	O	O	O	X	O	O
200	11	O	O	O	O	O	X	O	O
200	12	O	O	O	O	X	X	O	O
200	13	O	O	X	X	X	X	X	X
250	10	O	O	O	O	O	O	O	O
250	11	O	O	O	O	O	O	O	O
250	12	O	O	O	O	O	X	O	O
250	13	O	O	O	O	O	X	O	O
250	14	O	O	O	O	X	X	O	O

LEGEND

O - Available
X - Not available

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Mast Ø	Sections	N	V2	Z	X	ZXS	I2
		5x2.5+4 x0.5	11x1.5+5 x0.6	9x1.5+13x 0.22	17x1.5	11x1.5+7x 0.6+coax+ 2 rilsn 6x4	8x1+4x 0.5+1 coax 75 Ohm+ 2x coax 50 Ohm
64	3	X	X	X	X	X	X
77	3	O	X	O	X	X	X
77	4	X	X	X	X	X	X
90	3	O	O	O	O	X	O
90	4	O	X	O	X	X	X
90	5	X	X	X	X	X	X
115	4	O	O	O	O	X	O
115	5	O	O	O	O	X	O
115	6	O	X	O	X	X	X
115	7	X	X	X	X	X	X
152	6	O	O	O	O	X	O
152	7	O	O	O	O	X	O
152	8	O	O	O	O	X	O
152	9	O	X	X	X	X	X
200	8	O	O	O	O	O	O
200	9	O	O	O	O	X	O
200	10	O	O	O	O	X	O
200	11	O	O	O	O	X	O
200	12	O	X	O	X	X	X
200	13	X	X	X	X	X	X
250	10	O	O	O	O	O	O
250	11	O	O	O	O	X	O
250	12	O	O	O	O	X	O
250	13	O	O	O	O	X	O
250	14	O	X	X	X	X	X

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Mast Ø	Sections	W	E2	J	U3	U2	L	M	T	R	L2	US
		11 x 1.5 + 8 x 0.5 + (4 x 0.14) sch + 1 coax 75 ohm	10 x 1 + 4 coax	2 x 6 + 2 x 1.5 + 1 x 0.75	2 micro coax 75 Ohm + 2 x f/ utp CAT 5 + 6 x 18AWG + fibre optic 50/125	9 x 0.5 + 7 x 1.3 + (2 x 20AWG) ST + (2 x 18AWG) ST + 1 micro coax 75 Ohm	7 x 1.5 + 14 x 0.35 + CAT 5/6	8 x 1.5 + 4 x 4 x 24AWG + 1 x 2.5 + 8 coax 75 Ohm	13 x 1.5 + 7 x (2 x 0.35)	7 x 16 AWG + 12 x 22 AWG + 2 x (2 x 24AWG)	3 x CAT 5E + 3 x 1.5 + 2 x 2.5 + 4 x 0.5	1 x CAT 5E + coax 75 Ohm + coax 50 Ohm + 8 x 18 AWG + 4 x 24 AWG
64	3	X	X	X	X	X	X	X	X	X	X	X
77	3	X	X	X	X	X	X	X	X	X	X	X
77	4	X	X	X	X	X	X	X	X	X	X	X
90	3	O	O	O	X	X	X	X	X	O	X	O
90	4	X	X	X	X	X	X	X	X	X	X	X
90	5	X	X	X	X	X	X	X	X	X	X	X
115	4	O	O	O	X	X	O	X	O	O	X	O
115	5	O	O	O	X	X	X	X	X	O	X	O
115	6	X	X	X	X	X	X	X	X	X	X	X
115	7	X	X	X	X	X	X	X	X	X	X	X
152	6	O	O	O	X	O	O	X	O	O	O	O
152	7	O	O	O	X	X	O	X	O	O	X	O
152	8	X	O	O	X	X	X	X	X	O	X	O
152	9	X	X	X	X	X	X	X	X	X	X	X
200	8	O	O	O	O	O	O	X	O	O	O	O
200	9	O	O	O	O	X	O	X	O	O	O	O
200	10	O	O	O	O	X	O	O	O	O	X	O
200	11	X	O	O	X	X	X	X	X	O	X	O
200	12	X	X	X	X	X	X	X	X	X	X	X
200	13	X	X	X	X	X	X	X	X	X	X	X
250	10	O	O	O	O	O	O	X	O	O	O	O
250	11	O	O	O	O	X	O	X	O	O	O	O
250	12	O	O	O	X	X	O	X	O	O	X	O
250	13	X	O	O	X	X	X	X	X	O	X	O
250	14	X	X	X	X	X	X	X	X	X	X	X

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