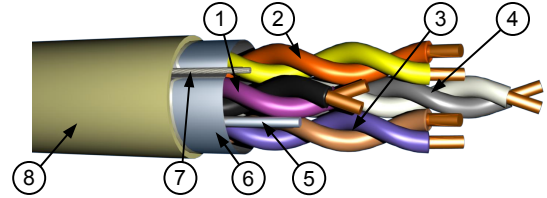
**elbaC Cable**

Chemin du Virolet – Rowenta
F-27200 VERNON
Tel : +33 (0)2 32 21 64 78
Fax : +33 (0)2 76 01 31 80
www.elbac.fr / info@elbac.fr

**Construction****Inner conductor**

Material	Annealed copper
Diameter	Ø 0.49 ± 0.008 mm

Insulation

Material	PEHD
Diameter	Ø 0.88 mm

Assembly

4 pairs

Colors	See color table
Lay length	

Drain wire ⑤

Material	Tinned copper
Diameter	Ø 0.49 ± 0.005 mm

Screen ⑥

Material	Alu/Polyester Tape
Coverage	≥ 115%

Total Rip cord ⑦

150 D

Sheath ⑧

Material	PVC Ivory
Thickness	≥ 0.50 mm
Diameter	Ø 4.90 ± 0.15 mm

Mass

32 kg/km

Marking on sheath

Printing	No printing
<small>with XXX quantity in meter still available per reel</small>	

Color / Process Yellow / Ink jet

Step 1 m

Meet Standards

RoHS European directive

Electrical characteristics

Impedance	100 ±15 Ω
Mutual paires capacitance	57.5 pF/m
Max. conductor DC resistance	98.7 Ω/km
Propagation velocity ratio	65%
Rated voltage	300 V
Insulation resistance 20°C	> 500 MΩ.km

Thermal characteristics

Rated Temperature	80°C
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Color table

Pairs	Colors		Lay length [mm]
	A	B	
①	Pink	Blue	12
②	Orange	Yellow	16
③	Violet	Brown	14
④	Grey	White	18

Return loss

Frequency MHz	Max attenuation dB/100m	NEXT dB
0.060	0.80	
0.260	1.10	
0.510	1.50	
0.770	1.80	
1.000	2.10	62.00
4.000	4.30	53.00
10.000	6.60	47.00
16.000	8.20	44.00
20.000	9.20	42.50
31.250	11.80	39.50
62.500	17.10	35.00
100.000	22.00	32.00

Packaging

F1 : 100m/Coil

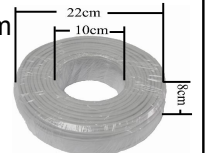
Coil size : Ø220mm×80mm×Ø 100m

1 Pallet = 5×5×12 = 300 Coil

Pallet size : 114×114×110 cm

W5 : 500 m Wooden Drum

WA : 1000 m Wooden Drum

**Notes**