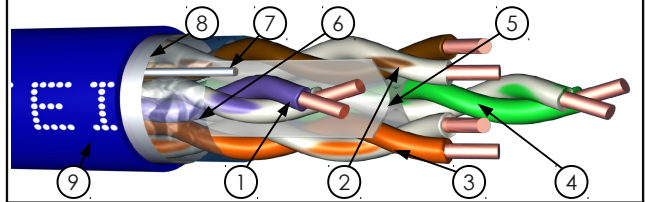
**elbaC Cable**

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 Fax : +33 (0)2 76 01 31 80
 www.elbac.fr / info@elbac.fr

**Construction****Inner conductor**

Material	Annealed copper
Diameter	Ø 0.55 ± 0.008 mm

Insulation

Material	HDPE
Diameter	Ø 1.02 mm

Assembly

4 unshielded twisted pairs

①		Blue / White Blue
②		Brown / White Brown
③		Orange / White Orange
④		Green / White Green

Filler Cross member ⑤**Mylar spiral** ⑥

Coverage ≥ 115 %

Drain wire ⑦

Material	Tinned copper
Diameter	Ø 0.4 ± 0.01 mm

Screen ⑧

Material	Aluminium / PET (40µ/12µ)
Coverage	≥ 115 %

Sheath ⑨

Material	LSZH Blue RAL 5005
Thickness	≥ 0.50 mm
Diameter	Ø 7.20 ± 0.20 mm

Mass kg/km**Marking on sheath**

Printing
 with XXX quantity in meter still
 available per reel
 DDDDD : Date code

« ISO 11801 - F/UTP CAT 6 4 PR
 TIA/EIA 568A - CE - elbaC
 250535 - DDDDD - XXX m »

Color / Process White pigment ink / Ink jet

Step 1 m

Thermal characteristics**Rated Temperature** 60°C**Electrical characteristics****Impedance** 100 ±15 Ω**Max. conductor DC resistance** < 79.8 Ω/km**Propagation velocity ratio** 67%**Performance**

Frequency MHz	Max attenuation dB/100m
1.000	2.00
4.000	3.80
10.000	5.80
16.000	7.40
20.000	8.40
31.250	10.60
62.500	15.40
100.000	19.70
155.000	25.00
200.000	29.00
250.000	33.00

Frequency MHz	NEXT dB	ACR dB	ELFEXT dB	PSELFEXT dB
1.00	80.0	78.0	75.0	73.0
4.00	74.0	70.2	73.0	69.2
10.00	71.0	65.2	70.0	64.2
16.00	70.0	62.6	64.0	56.6
20.00	65.0	56.6	61.0	52.6
31.25	62.0	51.4	60.0	49.4
62.50	58.0	42.6	58.0	42.6
100.00	50.0	30.0	40.0	38.0
155.00	45.0	20.0	35.0	35.0
200.00	40.0	12.0	30.0	25.0
250.00	40.0	10.0	25.0	25.0

Meet Standards

EIA/TIA 568A
 ISO/IEC 11801
 European directive 2011/65/EU

Packaging

Easy box (420×420×230mm): 305 m
 500 m / wooden drum

Notes