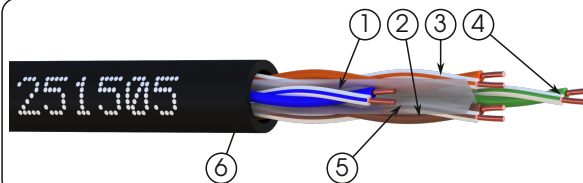
**elbaC Cable**

ZAC sous le Beer - RD 836
F-27730 BUEIL (Eure - France)
Tél : +33 (0)2 32 62 00 92
Fax : +33 (0)2 76 01 31 80
www.elbac.fr / info@elbac.fr

**Construction****Inner**

| | |
|-----------|------------------|
| conductor | Annealed copper |
| Material | Ø 0.51 ± 0.01 mm |

Diameter

| | |
|------------|------|
| Insulation | HDPE |
|------------|------|

| | |
|-------------------|---------------|
| Material Diameter | Ø 0.93 ± 0.08 |
|-------------------|---------------|

Assembly

| |
|-----------------|
| 4 twisted pairs |
|-----------------|

| | | |
|--|-----------------------|---|
| | Blue / White blue | ① |
| | Brown / White brown | ② |
| | Orange / White orange | ③ |
| | Green / White green | ④ |

| | | |
|--------|--------------|---|
| Filler | Cross member | ⑤ |
|--------|--------------|---|

| | | |
|--------|--|---|
| Sheath | | ⑥ |
|--------|--|---|

| | |
|----------|---------------|
| Material | XL-LSZH Black |
|----------|---------------|

| | |
|----------|----------------|
| Diameter | Ø 6.4 ± 0.2 mm |
|----------|----------------|

Marking of sheath

| | |
|--|---|
| Printing | UTP CAT6 INTERIEUR/EXTERIEUR |
| with XXX : Quantity in meter still available per reel DDDDD : Date code | 70m MAX XL-LSZH - elbaC 251505 - DDDDD - XXX m |

| | |
|-----------------|-----------------|
| Color / Process | White / Ink jet |
|-----------------|-----------------|

| | |
|------|-----|
| Step | 1 m |
|------|-----|

Electrical characteristics

| | | |
|-----------|---------------|------------|
| Impedance | 1 - 100MHz | 100 ± 15 Ω |
| | 100 - 250 MHz | 100 ± 20 Ω |

| | |
|------------------------------|--------------|
| Max. conductor DC resistance | < 132.4 Ω/km |
|------------------------------|--------------|

| | |
|----------------------|-----|
| Propagation velocity | 70% |
|----------------------|-----|

Performances

| Frequency MHz | Max attenuation dB/70m | NEXT dB | RL dB |
|------------------|---------------------------|------------|----------|
| 4.0 | 3.8 | 66.3 | 23.0 |
| 10.0 | 6.0 | 60.3 | 25.0 |
| 20.0 | 8.5 | 55.8 | 25.0 |
| 62.5 | 15.5 | 48.4 | 21.5 |
| 100.0 | 19.9 | 45.3 | 20.1 |
| 250.0 | 33.0 | 39.3 | 17.3 |

| Frequency MHz | ACR-F dB/70m | PS NEXT dB | PS ACR-F dB/70m |
|------------------|-----------------|---------------|--------------------|
| 4.0 | 56.0 | 63.3 | 53.0 |
| 10.0 | 48.0 | 57.3 | 45.0 |
| 20.0 | 42.0 | 52.8 | 39.0 |
| 62.5 | 32.1 | 45.4 | 29.1 |
| 100.0 | 28.0 | 42.3 | 25.0 |
| 250.0 | 20.0 | 36.3 | 17.0 |

Meet Standards

| | |
|----------------------|------------|
| European directive : | 2011/65/EU |
|----------------------|------------|

| | |
|--------------|-------------------------|
| Electrical : | EIA/TIA 568A (70m max) |
| | ISO/IEC 11801 (70m max) |

| | |
|--------------------|-------------|
| Fire performance : | IEC 60332-1 |
|--------------------|-------------|

| | |
|-----------------|-----------|
| Smoke density : | IEC 61034 |
|-----------------|-----------|

| | |
|----------------|-----------|
| Halogen free : | IEC 60754 |
|----------------|-----------|

Thermal characteristics

| | |
|-------------------------|-----------------|
| CPR fire reaction class | E _{ca} |
|-------------------------|-----------------|

| | |
|-------------------|------|
| Rated temperature | 60°C |
|-------------------|------|

Packaging

| | |
|-------|------------------------|
| -G1 : | 100m / Shrinked PE bag |
|-------|------------------------|

| | |
|-------|----------------------|
| -R3 : | 250m / Easy Reel Box |
|-------|----------------------|

| | |
|-------|--------------------|
| -W5 : | 500m / Wooden drum |
|-------|--------------------|

Notes

Cable for outdoor and indoor use