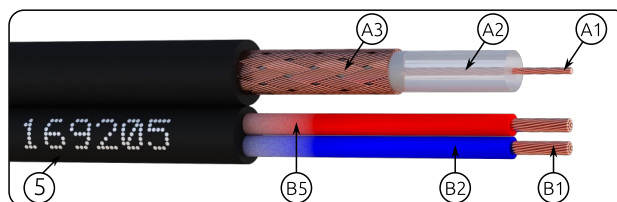
**elbaC Cable**

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Construction		Group	
		(A)	(B)
Inner Conductor		①	
Material	Bare Copper	Bare Copper	
Diameter	7 × Ø0.19 mm	21 × Ø0.21 mm	
Section	0.22 mm ²	0.75 mm ²	
Insulation		②	
Material	Solid PE	PVC - Fire ret.	
Color	Natural	Blue / Red	
Diameter	Ø3.7±0.10mm	Ø2.0±0.15mm	
Outer conductor			
1 st Layer - Film		③	
Material	Copper Clad Alum	X	
Diameter	85%		
Coverage	16 × (7 × Ø0.12 mm)		
Lay Length			
Filler		④	
Material		Chalk	
Assembly			
Type	Flat cable double shotgun		
Position	Left	Right	
Quantity	1 coax	2 conductors	
Sheath		KX 2C ⑤	
Material	PVC		
Color	Black	Black	
Diameter	Ø6.1±0.15 mm	Ø5.4±0.15 mm	
Weight			
Linear mass	86 kg/km		
Marking of sheath			
Printing	« KX6 + 2×0.75 - CE - elbaC with XXX : Quantity in meter still available per reel DDDDD : Date code 169205 - DDDDD - XXX m »		
Color / Process	White / Pigment ink jet		
Step	1m		
Stripping force / 50 mm (F)			
Dielectric	15 N ≤ F ≤ 35 N		

Meet Standards	
Marking :	CE
Fire reaction :	EN 50575:2014/A1:2016 Fca IEC 60332-1 NF C 32-070 Classe C2
Environment :	European directive 2011/65/EU

Electrical characteristics		(A)
Impedance	75 ± 3 Ω/km	
Capacitance	67 ± 3 pF/m	
Max DC Resistance at 20°C		
Inner conductor	93.8 Ω/km	
Outer conductor	22.6 Ω/km	
Propagation velocity	66%	
Rated voltage	30 V	
Insulation resistance at 20°C	> 500 MΩ/km	
Longitudinal attenuation		

Frequency MHz	Max attenuation dB/100m
10	3.7
200	17.0
400	25.0
800	35.5

Return loss	
Frequency MHz	Return loss dB
[30 - 1000]	> 20

Screening attenuation	
Attenuation 30 - 2000 MHz	> 75 dB

Electrical characteristics		(B)
Max DC Resistance	< 24 Ω/km	
Rated voltage U0/U	450 / 750V	
Insulation resistance 20°C	> 2000MΩ.km	

Thermal characteristics	
CPR fire reaction class	F _{ca}
Fire Resistance	IEC 60332-1 (C2)
Rated temperature	80°C

Packaging	
- R1	: 150m / Easy Reel Box
- W2	: 250m / Wooden Drum

Notes