



Construction

Inner conductor ①	
Material	Annealed Copper
Diameter	$7 \times (\varnothing 0.19 \pm 0.005 \text{ mm})$
Dielectric ②	
Material	Solid PE
Color	Natural
Diameter	$\varnothing 3.70 \pm 0,12 \text{ mm}$
Outer conductor	
1 st Layer ③	
Material	Copper Clad Alloy
Braiding	$16 \times (7 \times \varnothing 0.12 \text{ mm})$
Coverage	$\geq 85\%$
Sheath ④	
Material	PVC
Color	Green - RAL 6024
Diameter	$\varnothing 6.10 \pm 0.15 \text{ mm}$
Mass	35 kg/km
Marking of sheath	
Printing <small>with XXX : Quantity in meter still available per reel DDDDD : Date code</small>	KX 6A CCA 85% 75 OHMS - CE - elbaC 110205 - DDDDD - XXX m
Color / Process	White / Ink jet
Step	1 m
Stripping force / 50 mm	
Dielectric	$15 \text{ N} \leq F \leq 35 \text{ N}$

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

Impedance	$75 \pm 3 \Omega$
Capacitance	$< 67 \pm 3 \text{ pF/m}$
Max DC resistances (20°C)	
Inner conductor	93.8 Ω/km
Outer conductor	22.6 Ω/km
Propagation velocity	66.6%
Rated voltage	1900V
Insulation resistance (20°C)	$> 5000 \text{ M}\Omega \cdot \text{km}$
Longitudinal attenuation	

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

Thermal characteristics

CPR fire reaction class	F _{ca}
Rated temperature	80°C

Packaging

- C1 : 100m / Carton Reel
- R3 : 300m / Easy Reel Box
- W5 : 500m / Wooden Drum

Notes