

PRESENTATION

KX cables, according to 93-550, are used in professional electronic field or in electronic surveillance. They are used in applications requiring high cable flexibility and an indicator undergoing a minimum distortion and reduction.

REFERENCE STANDARDS

NFC 93-550

CABLE STRUCTURE

1- Conductors

Conductors consist of multi-strand solid copper.

2- Dielectric:

Conductors are insulated by a solid polyethylene layer having a natural color. The thickness of insulation is such that the electrical requirements braiding are met. It is made up of red copper braid.

3- Outer sheath

The sheath consists of PVC complying with NF EN50290-2-22 standards. It is unleaded, flame retardant and does not spread flames (Category C2 according to NFC 32070 2.1) and resists to UV rays. It may be without halogens.

4- Marking on the sheath

Each meter the sheath has on a generator the following message:

TUNISIE-CABLES KX106 ss/aa + metric marking (000001.m)

With:

ss: week number

aa: year in 2 figures

Metric marking: xxxxxx m (6 characters followed by "m" for meters)



ELECTRICAL CHARACTERISTICS

Minimum Insulation resistance (200VDC) > 5000

Line capacity: 67 nF/km

Cable	Impedance at 200 MHz (?)	Attenuation at 200 MHz (dB/100m)	Copper core	Sheath diameter (mm)	Sheath color
KX 106 (RG 59 B/U)	75	20	7 x 0,20 mm	6,10	Green
KX 8 (RG 11 A/U)	75	12	7 x 0,40 mm	10,20	Green
KX 104 (RG 213/U)	50	13	7 x 0,75 mm	10,20	Black

ENVIRONMENTAL CHARACTERISTICS

1- Anti-fire , does not spread flames - Category C2 NFC 32070 2.1

2- Operating temperature -10°C +70°C

3- These cables do not contain any substance referred to in the European Decree N° 2002/95/EC(RoHS) of January 27, 2003, relating to limiting the use of certain dangerous substances in electric and electronic equipment.