



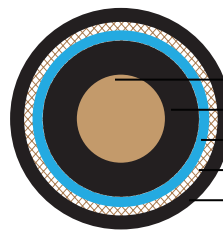
KX Series Coaxial Cables 50 Ω/75 Ω

Application

These radio frequency cables are suitable for high frequency data transmission (communication equipment, radar, instrumentation equipment) and video signal transmission.

Standards

- In line with MIL C17
- IEC 60092-359
- IEC 60332-3-22
- IEC 60754-1/2
- IEC 61034



- ▶ Solid or Stranded Copper Conductor
- ▶ PE Insulation
- ▶ Aluminium Foil
- ▶ Single/Double Copper Braid
- ▶ LSOH (SHF1) Outer Sheath

Construction

- Conductors: Solid or stranded CCS (Bare copper plated steel), BC (Bare copper).
- Insulation: PE.
- Fire Barriers: Aluminium foil.
- Screen: Single or double braid. Bare, tinned or silvered copper
- Outer Sheath: LSOH (SHF1).

Electrical Characteristics

		KX 3B	KX 6A	KX 8
Characteristic Impedance	Ω	50	75	75
Capacitance	pF/m	106	72	72
Velocity	%	66	66	66
Attenuation @200MHz	dB/100m	45	20	12



Mechanical and Thermal Properties

Bending Radius for Fixed Installations: $10 \times OD$
Temperature Range: $-30^{\circ}\text{C} \sim +60^{\circ}\text{C}$

Dimensions and Weight

50 Ω

Part No.	Cable Type	Conductor Stranding No.×mm	Conductor Diameter mm	Dielectric Diameter mm	Nominal Overall Diameter mm	Nominal Weight kg/km
MLN-KX3B	KX 3B	7×0.16 CCS	0.48	1.50	2.55	10

75 Ω

Part No.	Cable Type	Conductor Stranding No.×mm	Conductor Diameter mm	Dielectric Diameter mm	Nominal Overall Diameter mm	Nominal Weight kg/km
MLN-KX6A	KX 6A	7×0.20 BC	0.6	3.7	6.1	57
MLN-KX8	KX 8	7×0.40 BC	1.2	7.25	10.3	145

