

KX 6

Construction

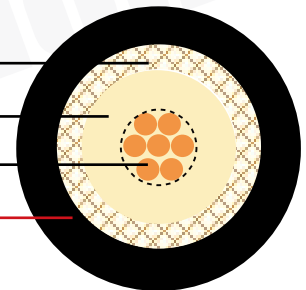
Inner conductor	Bare copper	7 x 0.2 mm
Dielectric	Solid PE	Φ3.70 mm
Outer conductor shield	Bare copper /Copper clad Aluminum(CCA)	96x0.10 mm
Shield coverage		80%
Sheath	PVC/FR-PVC	Φ10.10 mm

Electrical & Mechanical Characteristics

Impedance	75±5 Ohm
Nominal capacitance	67 pF/m
Velocity of propagation	66%
Insulation resistance	>5000 Mohm.Km
Inner conductor resistance	87.5 Ohm/Km
Outer conductor resistance	21.0 / 32.5 Ohm/Km
Rated temperature	70°C
Cable weight (approx.)	- kg/km



Bare copper outer conductor
 Solid PE dielectric
 Bare copper inner conductor
 PVC or FR-PVC sheath



Attenuation

For bare copper braid			For CCA braid		
Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)	Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
10	5.0	1.52	-	-	-
50	8.1	2.47	50	8.1	2.47
100	13.0	3.96	100	13.0	3.96
200	18.5	5.64	200	18.5	5.64
400	22.5	6.86	400	22.5	6.86
850	34.5	10.52	850	34.5	10.52
950	37.5	11.43	950	37.5	11.43
1000	45.0	13.72	-	-	-

Return Loss

5-1000 MHz ≥20dB