

# TV Coaxial Cables

## KX 8

### Construction

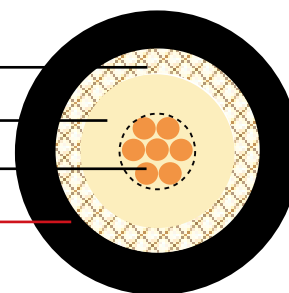
Inner conductor	Bare copper	7 x 0.4 mm
Dielectric	Solid PE	Φ7.25 mm
Outer conductor shield	Bare copper /Copper clad Aluminum(CCA)	192 x 0.10 mm
Shield coverage		80%
Sheath	PVC/FR-PVC	Φ10.20 mm

### Electrical & Mechanical Characteristics

Impedance	75±5 Ohm
Nominal capacitance	67 pF/m
Velocity of propagation	66%
Insulation resistance	>5000 Mohm.Km
Inner conductor resistance	22.2 Ohm/Km
Outer conductor resistance	15.5 / 16.5 Ohm/Km
Operating temperature range	-25°C - 75°C
Screening effectiveness	65dB(100-3000MHz)
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	2.9	0.88	10	2.9	0.88
50	4.5	1.37	50	4.5	1.37
100	6.6	2.01	100	6.6	2.01
200	10.9	3.32	200	11.9	3.63
400	13.8	4.21	400	14.8	4.51
850	23.6	7.20	850	24.6	7.50
950	26.8	8.17	950	27.8	8.48
1000	27.5	8.38	1000	28.5	8.69

### Return Loss

5-470 MHz	≥25dB
470-3000 MHz	≥20dB

