CATV coaxial cable 75 ohm

KTV 1.6/7.3 CV

Features

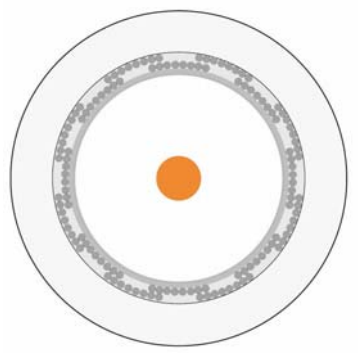
- Foamed dielectric for low attenuation
- Dimension 1.6/7.3 wire / dielectric
- RF screened by Al foil and braid
- Complies with EN 50117-2-1, SS 443 03 31
- PVC Jacket
- ROHS compliant

Application

Intended for indoor use in CATV systems.

The coax cable is a 75 ohm version with high foamed dielectric. Screened by al-foil and braid, jacketed with PVC compound.

Cable design



- Inner conductor	solid plain copper wire	Ø 1.6 mm
- Insulation	foamed polyethylene	Ø 7.3 mm
- Outer conductor	al-foil and braid of tin-plated copper wire	Ø 8.1 mm
- Jacket	flame retardant PVC compound	Ø 10.4 mm

General data

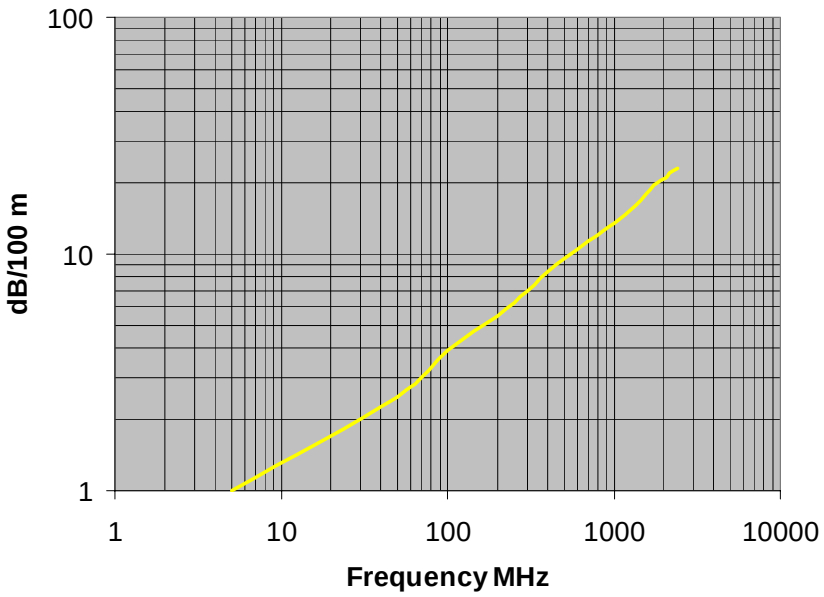
Operating voltage	0.75 kV AC (max peak value)
Operating temp	–15 to +70 °C
Bending radius	+20 °C 60 mm (min)
Flame resistance	IEC 60332-1
Marking on jacket	Designation and length marking
Color	White
Standard	Complies with EN 50117-2-1, SS 443 03 31

Electrical data

Nominal values

Impedance	75 ohm
Capacitance	54 pF/m
Attenuation	
200 MHz	5.5 dB/100 m *for other frequencies see diagram below*
Velocity ratio	0.85
DC-resistance	
inner conductor	9 ohm/km (max)
outer conductor	13 ohm/km (max)
Screening attenuation	75 dB (min) 30 - 1000 MHz
Return loss	20 dB (min) 5 - 470 MHz
	18 dB (min) 470 - 1000 MHz

Attenuation



Order information

Product number	E-number	Delivery length/drum	Cable Diam. mm	Net weight (kg/100m)
D470210152	48 791 35	500 m/drum	10.4	12

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