

# Koaxialkabel

## 1/2" 50 ohm



**För mobil-  
applikationer**

Ref.nr: 215701 | Koaxialkabel 1/2", CB12 svart, 50 ohm, trumma 200 meter | E-nr: 48 818 53

■ 50 ohm ■ 1/2" ■ CCA-klassning ■ Bobin 200 m

Televes 50 ohms koaxialkabel 1/2" för mobilapplikationer. Brandklassad halogenfri kabel (CPR Cca) med solid och slät innerledare i kapparbeklädd aluminium. Yttermått på kabeln 15,7 mm med en dämning på 1800-bandet på 10,1 dB/100 m. Levereras på bobiner om 200 m.

Technical data		
Cut-off frequency, GHz		≥ 9
Inner Conductor	Material	CCA
	Diameter, mm	4.08±0.05
Insulation	Material	Foamed PE
	Diameter, mm	12.2±0.2
Outer Conductor	Material	Annular Corrugated Copper Tube
	Diameter, mm	13.80±0.15
Jacket	Material	LLDPE or fire-retardant PE
	Min. Thickness, mm	>0.7
	Diameter, mm	15.7±0.2
<b>Mechanical Characteristics</b>		
Bending Radius, mm	Single Bend	50
	Repeated Bend	125
Tensile Strength, N		1050
Cable Weight, kg/km		200
Recommended Temperature, °C	Storage	-70 to +85
	Installation	-40 to +60
	Operating	-55 to +85
<b>Electrical Characteristics</b>		
Inner Conductor DC resistance, Ω/km		1.67
Outer Conductor DC Resistance, Ω/km		4.1
Characteristics Impedance, Ω		50
Capacitance, p F/M		76
Velocity, %		86
Dielectric Strength (KV)		6.0
Insulation Resistance (MΩ/km)		>1×104
Peak Power Rating (KV)		40
Peak Voltage (V)		1800
Attenuation and average power (Maximum attenuation value shall be 10% of the nominal attenuation value)		
<b>Frequency (MHz)</b>	<b>Attenuation (@20°C, dB/100)</b>	<b>Average Power (kv)</b>
200	3.11	2.45
450	4.75	1.59
800	6.46	1.17
900	6.86	1.10
1000	7.29	1.04
1500	9.68	0.96
1800	10.10	0.75
2000	10.72	0.71
2200	11.25	0.68
2500	12.13	0.63
3000	13.41	0.58
<b>VSWR</b>		
800MHz-1000MHz		1.12
1700MHz-2500MHz		1.15
2500MHz-3000MHz		1.15

"For fire-retardant jacket cable,

**Recommended Temperature:**

- Storage: -30°C to +80°C / • Installation: -25°C to +60°C / • Operating: -30°C to +80°C

Products meets the ROHS requirement.