

Cavo Coax 1\_4R Low Loss CPR - codice articolo CPP0000021

Construction	
<b>Inner conductor</b>	Copper clad Aluminium Ø2.40 mm
<b>Insulation</b>	Physically foamed PE Ø6.40 mm
<b>Outer conductor</b>	Ring corrugated copper Ø7.50 mm
<b>Jaket</b>	Black PE (Fca) Ø10.0 mm
Proprietà meccaniche	
<b>Min. single bending radius</b>	30 mm
<b>Min. repeated bending radius</b>	76 mm
<b>Max. Tensile force</b>	910 N
<b>Recommended max clamp spacing</b>	1 metro
Proprietà elettriche	
<b>Impedance</b>	50 ± 1 Ω
<b>Nominal capacitance</b>	76.8 pF/m
<b>Nominal inductance</b>	0.19 µH/m
<b>Propagation velocity</b>	84%
<b>DC breakdown voltage</b>	2.2kV
<b>Insulation resistance</b>	>5000M Ω •km
<b>Peak power rating</b>	12.1kW
<b>Cut off frequency</b>	15.8 GHz
<b>Screening attenuation</b>	>120dB
<b>PIM</b>	≤ -160dBc@ (2x20W)

## Caratteristiche prodotto:

The high performance of attenuation allows coaxial cable to be used in different RF systems, such as 3G, 4G mobile communication.

Wide range of applications, such as indoor distribution, broadcast, various base station, wireless cellular and others.

Lower VSWR, perfect shielding effectiveness, and extraordinary inter-modulation performance lead to fewer energy loss and outer interference.



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Transmission Properties	1/4"R Low Loss physical foamed insulation coaxial cable	
<b>Frequency</b>	<b>Attenuation</b>	<b>Power</b>
100 MHz	4.05(1.23)@20°C,dB/100m(dB/100ft)	1.79@40°CkW
450 MHz	8.88(2.17)@20°C,dB/100m(dB/100ft)	0.82@40°CkW
690 MHz	11.17(3.14)@20°C,dB/100m(dB/100ft)	0.69@40°CkW
800 MHz	12.10(3.69)@20°C,dB/100m(dB/100ft)	0.60@40°CkW
900 MHz	12.80(3.90)@20°C,dB/100m(dB/100ft)	0.57@40°CkW
1000 MHz	13.60(4.15)@20°C,dB/100m(dB/100ft)	0.53@40°CkW
1800 MHz	18.90(5.76)@20°C,dB/100m(dB/100ft)	0.38@40°CkW
2000 MHz	20.00(6.10)@20°C,dB/100m(dB/100ft)	0.36@40°CkW
2200 MHz	21.08(6.43)@20°C,dB/100m(dB/100ft)	0.34@40°CkW
2400 MHz	22.14(6.75)@20°C,dB/100m(dB/100ft)	0.33@40°CkW
2500 MHz	22.66(6.91)@20°C,dB/100m(dB/100ft)	0.32@40°CkW
2600 MHz	23.19(7.07)@20°C,dB/100m(dB/100ft)	0.31@40°CkW
2700 MHz	23.70(7.23)@20°C,dB/100m(dB/100ft)	0.30@40°CkW
3000 MHz	25.17(7.57)@20°C,dB/100m(dB/100ft)	0.29@40°CkW
	<b>VSWR</b>	
690-960MHz	≤1.12	
1700-2200MHz	≤1.12	
2300-2400MHz	≤1.12	
2500-2690MHz	≤1.15	
	<b>Environmental properties</b>	
Storage °C	-55 ~ +80°C	
Installation °C	-40 ~ +60°C	
Operation °C	-55 ~ +80°C	
	<b>Standard</b>	
2011/65EU(ROHS)	compliant	

