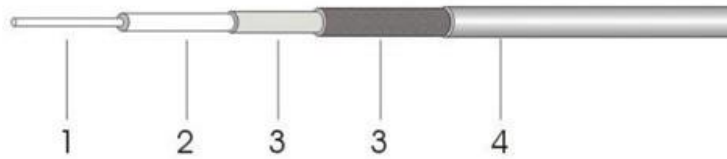


# LMR240 電纜



## Construction Specification/結構尺寸

Item/項目	Material/材料	Diameter/直徑(mm)
1.Inner conductor/內導體	Bare copper/裸銅線	1.42±0.02
2.Dielectric/絕緣	Foamed PE/發泡聚乙烯	3.81±0.10
3.Outer conductor/外導體 1	Bonded aluminum/自黏鋁箔	---
4. Outer conductor/外導體 2	Tinned copper braid/鍍錫銅線編織	Nom. 4.52
5.Jacket/護套	PE(black)/聚乙烯(黑色)	6.10±0.20

## Electrical Characteristics/電器性能

Capacitance/電容	Nom.79.4
Impedance/阻抗	50
Velocity/速率	84
Cutoff frequency/截止頻率	31
Jacket spark test/護套火花測試	5.0
Min. screening efficiency/屏蔽衰減(dB)	90
Peak power/峰值功率(Kw)	5.6

## Mechanical and Environmental Characteristics/機械和環境性能

Operating temp./工作溫度	-40 to 80
Min. bending radius static/最小彎曲半徑，單次(mm)	30
RoHS/RoHS 環保	Compliant/符合

## Attenuation @ 20°C and Sea Level, Power/海平面 20°C 衰減,功率

Frequency(MHz)	Attenuation(dB/100m)	Average Power(KW)
150	10.9	0.58
450	17.8	0.33
900	25.6	0.23
1800	39.2	0.16
2000	40.0	0.15
2500	45.6	0.13