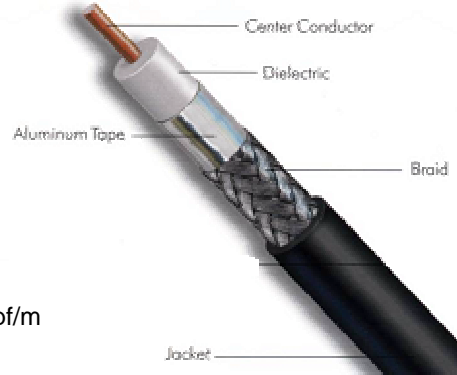


Benelec Part Number : 056041

Description:

LL400 Type Foam Low - Loss 50 Ohm Coaxial Cable



Electrical characteristics:

Nom. Impedance:	50 Ohms
Nom. Inductance:	0.060 micro-h/ft
Nom. Capacitance:	Conductor to shield: 77.1 pf/m
Nom. Velocity of propagation:	85 %
Nom. Delay	1.20 ns/ft
Nom. Conductor dc resistance:	@ 20 deg. C: 1.39 ohms/1000 ft.
Nom. Shield dc resistance	@ 20 deg. C: 1.65 ohms/1000 ft.
Max. Operating voltage:	300 vrms (non-ul)
Voltage standing wave ratio:	5- 5000 MHz 1.20:1 (20dB)
(Return Loss)	800-1000MHz 1.10:1 (26dB)
	1700-2000MHz 1.15:1 (23dB)
	2000-2400MHz 1.15:1 (23dB)

Nom. Attenuation & Power Rating :

Frequency MHz	Nom. Attenuation dB/100m	Avg Power Rating Kwatts (@20°C)
30	2.2	2.91
50	2.9	2.21
150	5.00	1.28
220	6.10	1.05
450	8.90	0.72
900	12.80	0.50
1500	16.80	0.38
1800	18.60	0.34
2000	19.60	0.33
2500	22.20	0.29
3000	24.80	0.26
5800	35.50	0.18

Physical characteristics:

Temperature rating:	-40 to +85 deg. C	
Min. Bending radius:	51mm	
Max. Pulling tension:	221.0 lbs.	
Nom. Weight/1000 ft:	105 lbs.	
Conductor material & dia:	Copper Clad AL	2.74mm
Insulation material & dia:	Physical Foam PE,	7.24mm
Shield type & % coverage & dia:	Aluminium Tape - 100%	TC braid - 88% - 8.13mm
Jacket material & dia	PE (black),	10.3mm

Packaging :

056041 Spool Size : 100m
0560413 Spool Size : 305m

Please Note : All performance data contained herein are calculated based On nominal dimensions and material properties. Actual Performance may vary.