

Low Loss Coaxial Cable

**EXLH-21r
SILICON**

Expantel Code no

Date of issue

EX-5-0004

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Issues by

Approved by

Rev. no

Revised by

Revised date

L Y G

O J J



★ Operating temperature range ----- -20°C ~ 200°C

Construction

MBR

Item	Material	Diameter	Remark	Static
Center conductor	SPC	1.40mm(19/0.29)	Stranded	29
Dielectric	PTFE	4.05mm	Extruded Air Spaced Low Density PTFE	Dynamic
Inner shield	SPC TAPE	4.25mm	0.05 x 2.5	115
Braid	SPC	4.65mm		
Jacket	SILICON	6.60mm		

☞ SPC : Silver plated Copper

Electrical Data at +20°C (nom. Data)

Electrical Data

Item	Specification	Remark
Operating frequency	Max. 26.5GHz	
Dielectric Constant	1.7	
Capacitance	86 pF/m	
Impedance	50 ± 2 OHMS	
Time Delay	4.35 ns/m	
Velocity of propagation	NOM. 77 %	
RF Leakage	-100 dB	
Attenuation(dB/M) & Power(W)	-	2GHz
	0.42	3GHz
	-	6GHz
	0.74	8GHz
	0.95	12GHz
	-	18GHz
	1.47	26.5GHz

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