

Low Loss Coaxial Cable

EXLH-21r

Expantel Code no

EX-5-0004

Date of issue

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Issues by

L Y G

Approved by

O J J

Rev. no

Revised by

Revised date



★ Operating temperature range ----- -55°C ~ 165°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	FEP	5.35mm		

☞ 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	638
	0.42	3GHz	-
	0.61	6GHz	344
	1.15	18GHz	210
	1.45	26.5GHz	164
	-	40GHz	-

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