

Low Loss Coaxial Cable

**EXLH-21r
SILICON**

Code no		Date of issue		
EX-5-0004		2014-06-23		
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	4.02mm	Extruded Air Spaced Low Density PTFE	Dynamic
Inner shield	SPC TAPE	4.20mm	0.05 × 2.5	115
Braid	SPC	4.70mm		
Jacket	SILICON	6.40mm		

⊗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	-
	-	6GHz	370
	0.74	8GHz	-
	0.95	12GHz	260
	-	18GHz	210
	1.47	26.5GHz	-