

FOAM PE CABLE

EXFP 240 UF

Expantel Code no

EX-4-0008

Date of issue

2021-02-22

Issues by

L Y G

Approved by

O J J

Rev. no

Revised by

Revised date



★ Operating temperature range ----- -25°C ~ 85°C

Construction

MBR

Item	Material	Diameter	Remark	Static
Center conductor	CU	1.42mm	Stranded	19.1
Dielectric	FOAM PE	3.81mm		Dynamic
Shield	AL Foil	3.94mm		63.5
Braid	TPC	4.52mm		
Jacket	PE	6.10mm	COLOR : BLACK	

☞ TPC : Tin plated Copper Braid

Electrical Data at +20°C (nom. Data)

Electrical Data

Item	Specification	Remark
Operating frequency	Max. 5.8GHz	
Voltage withstand	1500 Volts DC	
Dielectric Constant	1.42	
Peak power	5.6 kW	
Capacitance	79.4 pF/m	
Impedance	50 ± 3 OHMS	
Weight	0.05Kg/m	
Velocity of propagation	NOM. 80 %	
Attenuation(dB/M)/Power(W)	0.06/1240	at 30MHz
	0.12/550	at 150MHz
	0.21/310	at 450MHz
	0.30/220	at 900MHz
	0.43/150	at 1800MHz
	0.46/140	at 2000MHz
	0.51/130	at 2500MHz
	0.81/80	at 5800MHz

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