

Semi Flexible Cable

EXSF-085T-25-CW

Expantel Code no

EX-21-181029

Date of issue

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Issues by

A K S

Approved by

O J J

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Revised by

L Y G

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★ Specification ----- meet to MIL-C-17

★ Continuous working voltage -----Max. 1500Vrms

★ Operating temperature range ----- -40°C ~ 125°C

Construction

MBR

Item	Material	Diameter	Remark	Static
Center conductor	SPCW	0.93mm	Solid	5
Dielectric	PTFE	1.68mm	Solid	Dynamic
Braid	TC	2.20mm	100% Coverage	20

TC : Tin Soaked on tin plated Copper Braid

Electrical Data at +20°C (nom. Data)

Electrical Data

Item	Specification		Remark
Operating frequency	Max. 18GHz		
Dielectric Resistance	>1,000 MOHMS x Km		
Capacitance	95.2 pF/m		
Time delay	4.7 ns/m		
Impedance	50 ± 2 OHMS		
Voltage Withstanding	4800		VRMS @ 60 Hz
Velocity of propagation	NOM. 69.5 %		
Weight	17 Kg/Km		
Attenuation(dB/M) & Power(W)	0.59	05 GHz	195.0
	0.84	1GHz	128.0
	1.96	5GHz	55.6
	2.86	10GHz	36.5
	4.23	20GHz	25.3
	-	50GHz	-

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