

Semi Flexible Cable

EXSF-141T-50-C

Expantel Code no

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EX-1-0003

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

★ Continuous working voltage -----Max. 1900Vrms

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

Construction

Item	Material	Diameter	Remark
Center conductor	SPC	0.945mm(0.037inch)	Solid
Dielectric	PTFE	2.96mm(0.116inch)	Solid
Braid	TC	3.54mm(0.14inch)	100% Coverage

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 pF/M	
Impedance	50 ± 2 OHMS	
Test voltage	5000Vrms	
Velocity of propagation	NOM. 69.5 %	
Weight	36 Kg/Km	
Attenuation	0.26 dB/M	at 500MHz
	0.39 dB/M	at 1GHz
	0.69 dB/M	at 3GHz
	0.95 dB/M	at 5GHz
	1.48 dB/M	at 10GHz
	2.30 dB/M	at 20GHz