

Semi Flexible Cable

EXSF-085T-50-CW

Expantel Code no

EX-1-0008

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

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

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

Construction

Item	Material	Diameter	Remark
Center conductor	SPCW	0.53mm(0.021inch)	Solid
Dielectric	PTFE	1.68mm(0.066inch)	Solid
Braid	TC	2.15mm(0.85inch)	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	16 Kg/Km	
Attenuation	0.49 dB/M	at 500MHz
	0.72 dB/M	at 1GHz
	1.64 dB/M	at 5GHz
	2.62 dB/M	at 10GHz
	4.27 dB/M	at 20GHz