

Semi Flexible Cable

RFSF-085T-50-CW

RFCM Code no		Date of issue		
RF-1-0008		2002-12-17		
Issues by	Approved by	Rev. no	Revised by	Revised date
A K S	O J J	6	L Y G	2014-01-02



- ★ 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	0.53mm	Solid	5
Dielectric	PTFE	1.70mm	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 pF/m	
Time delay	4.8ns/m	
Impedance	50 ± 1 OHMS	
Dielectric Withstanding Voltage	5000	A.C.V/1min
Velocity of propagation	NOM. 69.5 %	
Weight	16 Kg/Km	
Attenuation	0.49 dB/M	at 500MHz
	0.72 dB/M	at 1GHz
	1.99 dB/M	at 5GHz
	2.70 dB/M	at 10GHz
	4.27 dB/M	at 20GHz

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