

# Semi Flexible Cable

**EXSF-085T-75-CW**

Expantel Code no

EX-19-181025

Date of issue

2018-02-23

Issues by

Approved by

Rev. no

Revised by

Revised date

L Y G

O J J



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

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

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

## Construction

MBR

Item	Material	Diameter	Remark	Static
Center conductor	SPCW	0.29 ± 0.02mm	Solid	7.1
Dielectric	PTFE	1.68 ± 0.03mm	Solid	Dynamic
Braid	TC	2.18 ± 0.02mm	100% Coverage	35.5

☞ TC : Tin Soaked on tin plated Copper Braid

Electrical Data at +20°C ( nom. Data )

## Electrical Data

Item	Specification		Remark
Operating frequency	Max. 20GHz		
Dielectric Resistance	>1,000 MOHMS x Km		
Capacitance	95 pF/M		
Impedance	75 ± 2 OHMS		
Test voltage	5000Vrms		
Velocity of propagation	NOM. 69.5 %		
Weight	17.9 Kg/Km		
Attenuation(dB/m) & Power(W)	0.15	50 MHz	195
	0.22	100 MHz	160
	0.57	500 MHz	129
	0.88	1 GHz	125

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