

# Semi Flexible Cable

**EXSF-141T-75-CW**

Expantel Code no

Date of issue

EX-1-0003-1

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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	0.53mm	Solid	7.1
Dielectric	PTFE	2.96mm	Solid	Dynamic
Braid	TC	3.54mm	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	39 Kg/Km		
Attenuation(dB/M) & Power(W)	0.26	500MHz	600
	0.41	1GHz	450
	1.02	5GHz	180
	1.52	10GHz	120
	2.30	20GHz	70

TEL : 82-31-998-6526

FAX : 82-31-998-6528

e-mail : expantel@expantel.com

<http://www.expantel.com>

