

Semi Flexible Cable

EXSF-250T-75-CW

Expantel Code no

EX-21-181025

Date of issue

2018-02-23

Issues by

L Y G

Approved by

O J J

Rev. no

Revised by

Revised date



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

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

★ Operating temperature range ----- -55°C ~ 125°C

Construction

MBR

Item	Material	Diameter	Remark	Static
Center conductor	SPCW	0.91mm±0.02mm	Solid	7.1
Dielectric	PTFE	5.44mm±0.03mm	Solid	Dynamic
Braid	TC	6.35mm±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	63.5 pF/M		
Impedance	75 ± 2 OHMS		
Test voltage	3500Vrms		
Velocity of propagation	NOM. 69.5 %		
Weight	39 Kg/Km		
Attenuation(dB/m) & Power(W)	0.04	0.5 GHz	1653
	0.24	1 GHz	1134
	0.60	5 GHz	450
	0.93	10 GHz	293
	-	20 GHz	-

TEL : 82-31-998-6526 FAX : 82-31-998-6528 e-mail : expantel@expantel.com <http://www.expantel.com>

