

# Semi Flexible Cable

**EXSF-063T-50-C**

Expantel Code no

EX-1-0008

Date of issue

2016-07-21

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. 1000Vrms

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

## Construction

MBR

| Item             | Material | Diameter     | Remark        | Static  |
|------------------|----------|--------------|---------------|---------|
| Center conductor | SPC      | 0.41mm±0.012 | Solid         | 4       |
| Dielectric       | PTFE     | 1.30mm±0.03  | Solid         | Dynamic |
| Braid            | TC       | 1.70mm±0.05  | 100% Coverage | 16      |

TC : Tin Soaked, tin plated Copper Braid / SPC : Silver Plated Copper

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       |            |
| Dielectric Withstanding Voltage | 3000              | A.V.C/1min |
| Velocity of propagation         | NOM. 69.5 %       |            |
| Weight                          | 13 Kg/Km          |            |
| Attenuation(dB/M) & Power(W)    | 0.64              | 500MHz     |
|                                 | 0.95              | 1GHz       |
|                                 | 1.46              | 3GHz       |
|                                 | 2.21              | 5GHz       |
|                                 | 3.20              | 10GHz      |
|                                 | 3.99              | 15GHz      |

TEL : 82-31-998-6526

FAX : 82-31-998-6528

e-mail : expantel@expantel.com

http://www.expantel.com

