

RG Cable

EXRG-316S-50-CW

Expantel Code no

Date of issue

EX-3-00013

2015-11-23

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. 900Vrms

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

Construction

Item	Material	Diameter	Remark
Center conductor	SPCW	0.51mm(0.02inch)	Strand(7/0.17)
Dielectric	PTFE	1.52mm(0.06inch)	Solid
Inner Braid	TA	2.0mm(0.079inch)	95%Coverage
Jacket	FEP	2.5mm(0.098inch)	BLACK

TA : TIN PLATED COPPER

Electrical Data at +20°C (nom. Data)

Electrical Data

Item	Specification	Remark
Operating frequency	Max. 10GHz	
Dielectric Resistance	>1,000 MOHMS x Km	
Capacitance	32 pF/ft	
Impedance	50 ± 2 OHMS	
Test voltage	2 kV DC	
Velocity of propagation	NOM. 69.5 %	
Weight	16 Kg/Km	
Attenuation	0.18 dB/M	at 50MHz
	0.59 dB/M	at 500MHz
	1.26 dB/M	at 1GHz
	1.72 dB/M	at 3GHz
	2.15 dB/M	at 5GHz
	2.82 dB/M	at 10GHz

TEL : 82-31-998-6526

FAX : 82-31-998-6528

e-mail : expantel@expantel.com

<http://www.expantel.com>