

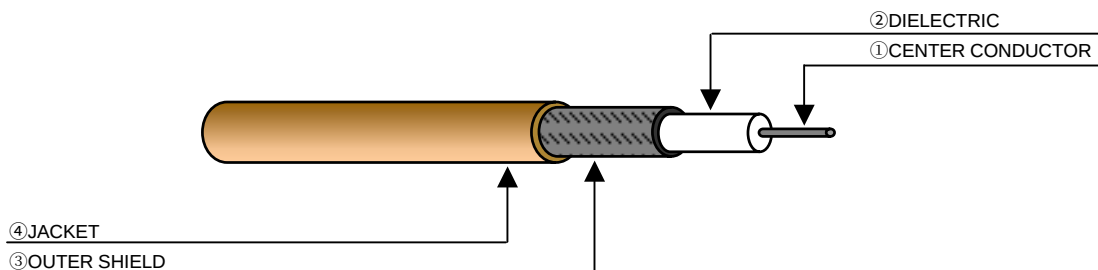


The 1st source for Coaxial cable, connector and cable assembly
by YeEunTech.

RG-316/S

Description: RG CABLE 2.48mm(0.098inch) / 50 Ohm

Specification: -----Mil-C-17/113-RG316



CONSTRUCTION

번호	ITEM	MATERIAL	DIAMETER	REMARK
①	CENTER CONDUCTOR	SPCW	$0.50 \pm 0.02\text{mm}$	Strand 7/0.170mm
②	DIELECTRIC	PTFE	$1.52 \pm 0.15\text{mm}$	SOLID
③	OUTER SHIELD	SPC	$1.98 \pm 0.15\text{mm}$	92.3%(nom.)
④	JACKET	FEP	$2.48 \pm 0.20\text{mm}$	BROWN

* SPCW: Silver Plated Copper clad steel Wire

* PTFE: PolyTetraFluorEthylene

* SPC: Silver Plated Copper

* FEP: Fluorinated Ethylene Propylene

ELECTRICAL DATA

ITEM	SPECIFICATION		
CAPACITANCE	104.9 pF/m (32.0 pF/FT) (nom.)		
CHARACTERISTIC IMPEDANCE	$50 \pm 2 \Omega$		
OPERATING FREQUENCY	3 GHz		
OPERATING TEMP	-40°C $+165^{\circ}\text{C}$		
OPERATING VOLTAGE	1,200 vrms (max.)		
VOLTAGE WITHSTANDING	2,000 vrms (min)		
WEIGHT	15 kg/Km		
MAXIMUM ATTENUATION	Frequency (MHz)	dB/100ft (dB/M)	Power (Watts)
	100	11.0(0.36)	430
	200	11.9(0.39)	-
	400	21.0(0.69)	210
	800	25.3(0.83)	-
	1,000	38.0(1.25)	130
	2,000	43.6(1.43)	-
	3,000	52.4(1.72)	-
	5,000	65.5(2.15)	-

The data provided in this publication indicates nominal values unless stated otherwise and is only valid for reference purposes at the time of publication and all information is subject to change without prior notice.

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