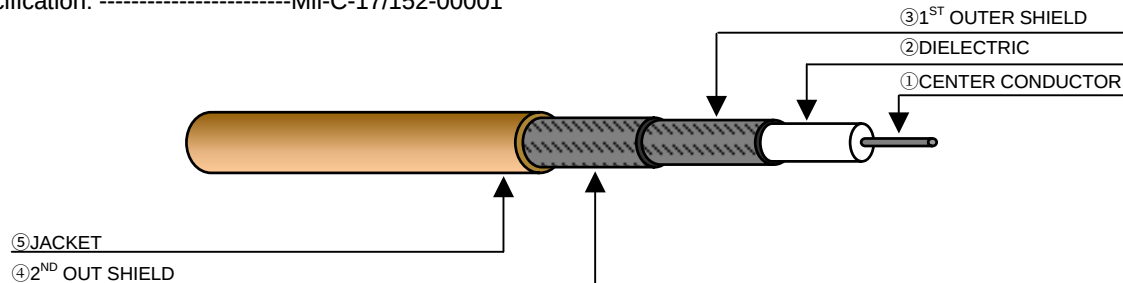




RG-316/D.S

Description: RG CABLE 3.05mm(0.120inch) / 50 Ohm

Specification: -----Mil-C-17/152-00001



CONSTRUCTION

번호	ITEM	MATERIAL	DIAMETER	REMARK
①	CENTER CONDUCTOR	SPCW	0.54±0.02mm	Strand 7/0.170
②	DIELECTRIC	PTFE	1.54±0.15mm	SOLID
③	1 st OUTER SHIELD	SPC	2.05±0.15mm	95.4%(nom.)
④	2 nd OUTER SHIELD	SPC	2.50±0.15mm	94.6%(nom.)
⑤	JACKET	FEP	3.05±0.20mm	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±2 Ω		
OPERATING FREQUENCY	12.4 GHz		
OPERATING TEMP	-40℃ +165℃		
OPERATING VOLTAGE	1,200 vrms (max.)		
VOLTAGE WITHSTANDING	2,000 vrms (min.)		
WEIGHT	24 kg/Km		
MAXIMUM ATTENUATION	Frequency (MHz)	dB/100ft (dB/M)	Power (Watts)
	100	15.0(0.49)	425
	200	12.5(0.41)	-
	400	24.0(0.79)	210
	800	25.6(0.84)	-
	1,000	40.0(1.31)	130
	2,000	43.6(1.43)	-
	3,000	53.6(1.76)	-
	5,000	63.4(2.08)	-

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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