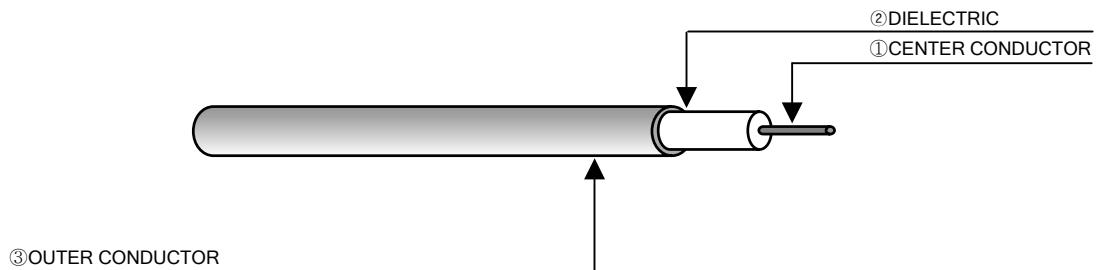




YET-047-TP

Description: Copper Jacketed Semi Rigid 047 Size 50 Ohm Tin Plated
Specification: -----Mil-C-17/151



CONSTRUCTION

번호	ITEM	MATERIAL	DIAMETER	REMARK
①	CENTER CONDUCTOR	SPCW	0.29±0.02mm	
②	DIELECTRIC	PTFE	0.92±0.03mm	SOLID
③	OUTER SHIELD	TC	1.19±0.03mm	TUBE/100% COVERAGE

* SPCW: Silver Plated Copper clad steel Wire

* PTFE: PolyTetraFluorEthylene

* TC: Tinned Copper

ELECTRICAL DATA

ITEM	SPECIFICATION		
BEND RADIUS	3.0 mm (min.)		
CONDUCTOR RESISTANCE	207.3 Ohms/Mft at 20°C (max.)		
CAPACITANCE	95.1 pF/m (29.0 pF/ft) (nom.)		
CHARACTERISTIC IMPEDANCE	50 +/- 3 ohms		
CORONA EXTINCTION VOLTAGE	1,000 vrms @ 60 Hz		
OPERATING FREQUENCY	20 GHz (max.)		
OPERATING TEMP	-40°C ~ +125°C		
VELOCITY OF PROPAGATION	69.5% (nom.)		
VOLTAGE WITHSTANDING	3,500 vrsm @ 60 Hz		
WEIGHT	5.6 kg/km (0.47 lbs/100ft)		
MAXIMUM ATTENUATION	Frequency (MHz)	dB/100ft (dB/M)	Power (Watts)
	500	23.1(0.75)	66.5
	1,000	33.4(1.09)	47.0
	5,000	79.3(2.60)	21.9
	10,000	114.5(3.75)	15.3
	20,000	168.2(5.51)	10.5

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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