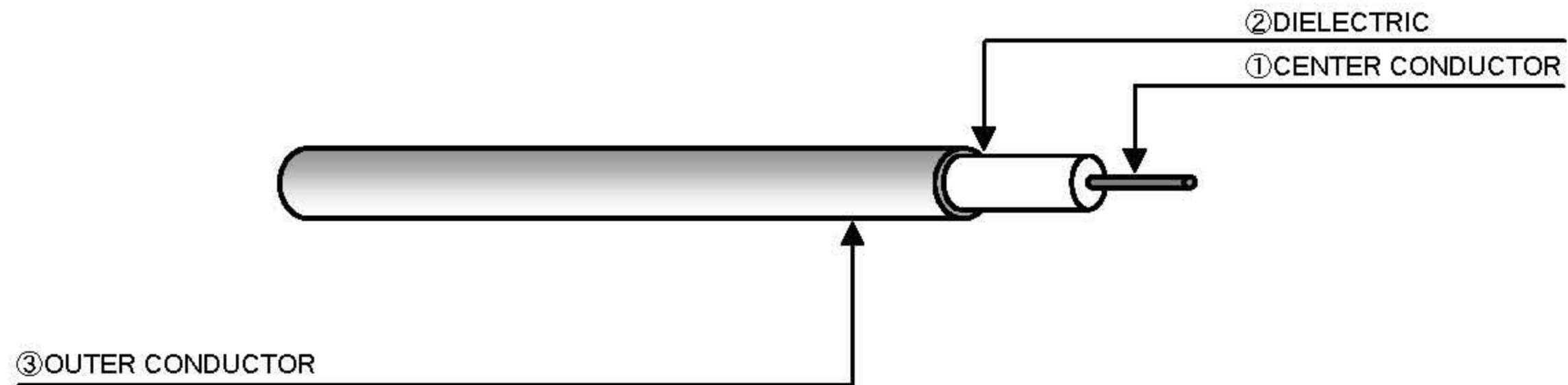


YET-141/50-TP

Description: Copper Jacketed Semi Rigid 141 Size 50 Ohm Tin Plated
Specification: -----Mil-C-17/130



CONSTRUCTION

No	ITEM	MATERIAL	DIAMETER	REMARK
①	CENTER CONDUCTOR	SPCW	0.92±0.013mm	
②	DIELECTRIC	PTFE	2.98±0.050mm	SOLID
③	OUTER SHIELD	TC	3.58±0.050mm	TUBE/100% COVERAGE

* SPCW: Silver Plated Copper clad steel Wire
* PTFE: PolyTetraFluorEthylene
* TC: Tinned Copper

ELECTRICAL DATA

ITEM	SPECIFICATION		
BEND RADIUS	6.5 mm (min.)		
CONDUCTOR RESISTANCE	20.4 Ohms/Mft at 20°C (max.)		
CAPACITANCE	95.1 pF/m (29.0 pF/ft) (nom.)		
CHARACTERISTIC IMPEDANCE	50 +/- 2 ohms		
CORONA EXTINCTION VOLTAGE	7,500 vrsm @ 60 Hz		
OPERATING FREQUENCY	33 GHz (max.)		
OPERATING TEMP	-40° C ~ +125° C		
VELOCITY OF PROPAGATION	69.5% (nom.)		
VOLTAGE WITHSTANDING	7,500 vrms @ 60Hz		
RoHS Compliance	YES		
WEIGHT	46.7 kg/km (3.14 lbs/100ft)		
MAXIMUM ATTENUATION	Frequency (MHz)	dB/100ft (dB/M)	Power (Watts)
	500	8(0.26)	600
	1,000	12(0.39)	450
	5,000	29(0.95)	180
	10,000	45(1.48)	120
	20,000	70(2.30)	70