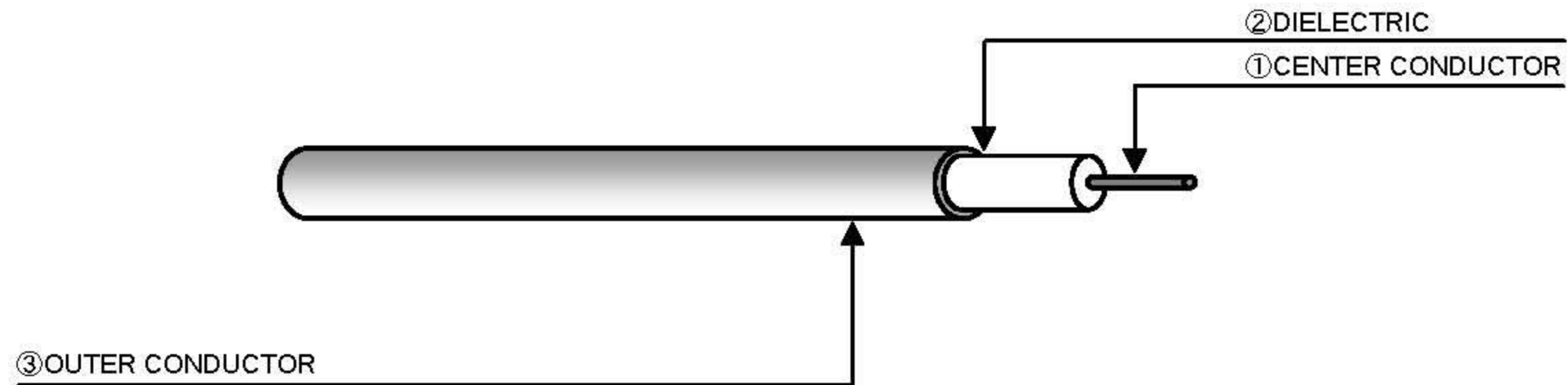


YET-250-TP

Description: Copper Jacketed Semi Rigid 250 Size 50 Ohm Tin Plated
Specification: -----Mil-C-17/129



CONSTRUCTION

No	ITEM	MATERIAL	DIAMETER	REMARK
①	CENTER CONDUCTOR	SPC	1.65±0.030mm	
②	DIELECTRIC	PTFE	5.31±0.060mm	SOLID
③	OUTER SHIELD	TC	6.35±0.051mm	TUBE/100% COVERAGE

* SPC: Silver Plated Copper
* PTFE: PolyTetraFluorEthylene
* TC: Tinned Copper

ELECTRICAL DATA

ITEM	SPECIFICATION		
BEND RADIUS	10.0 mm (min.)		
CONDUCTOR RESISTANCE	25.7 Ohms/Mft at 20°C (max.)		
CAPACITANCE	95.1 pF/m (29.0 pF/ft) (nom.)		
CHARACTERISTIC IMPEDANCE	50 +/- 2 ohms		
CORONA EXTINCTION VOLTAGE	3,000 vrms @ 60 Hz		
OPERATING FREQUENCY	18 GHz (max.)		
OPERATING TEMP	-40°C ~ +125°C		
VELOCITY OF PROPAGATION	69.5 % (nom.)		
VOLTAGE WITHSTANDING	7,500 vrms @ 60 Hz		
RoHS Compliance	YES		
WEIGHT	147.0 kg/km (9.9 lbs/100ft)		
MAXIMUM ATTENUATION	Frequency (MHz)	dB/100ft (dB/M)	Power (Watts)
	400	4.5(0.15)	962
	1,000	7.5(0.25)	661
	5,000	22(0.72)	265
	10,000	33(1.08)	174
	18,000	48(1.57)	100