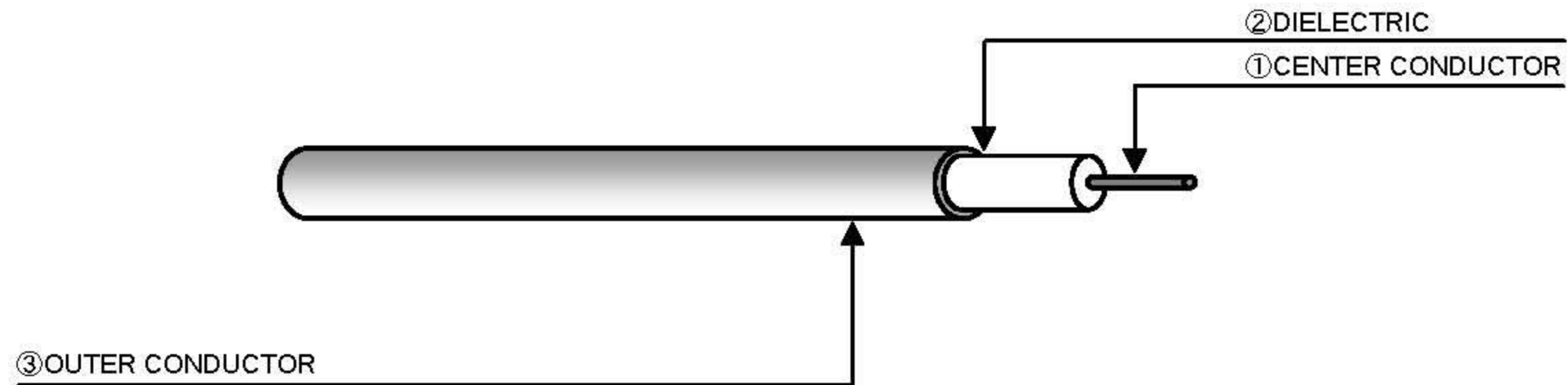


YET-085/50-TP

Description: Copper Jacketed Semi Rigid 085 Size 50 Ohm Tin Plated
Specification: -----Mil-C-17/133



CONSTRUCTION

No	ITEM	MATERIAL	DIAMETER	REMARK
①	CENTER CONDUCTOR	SPCW	0.51±0.005mm	
②	DIELECTRIC	PTFE	1.68±0.030mm	SOLID
③	OUTER CONDUCTOR	TC	2.20±0.025mm	TUBE/100% COVERAGE

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

ELECTRICAL DATA

ITEM	SPECIFICATION		
BEND RADIUS	3.5 mm (min.)		
CONDUCTOR RESISTANCE	64.25 Ohms/Mft at 20°C (max.)		
CAPACITANCE	95.1 pF/m (29.0 pF/ft) (nom.)		
CHARACTERISTIC IMPEDANCE	50 +/- 2 ohms		
CORONA EXTINCTION VOLTAGE	1,500 vrms @ 60 Hz		
OPERATING FREQUENCY	20 GHz (max.)		
OPERATING TEMP	-40°C ~ +125°C		
VELOCITY OF PROPAGATION	69.5% (nom.)		
VOLTAGE WITHSTANDING	5,000 vrsm @ 60 Hz		
RoHS Compliance	YES		
WEIGHT	20.2 kg/km (1.36 lbs/100ft)		
MAXIMUM ATTENUATION	Frequency (MHz)	dB/100ft (dB/M)	Power (Watts)
	500	15(0.49)	180
	1,000	22(0.72)	130
	5,000	50(1.64)	54
	10,000	80(2.62)	35
	20,000	130(4.27)	20