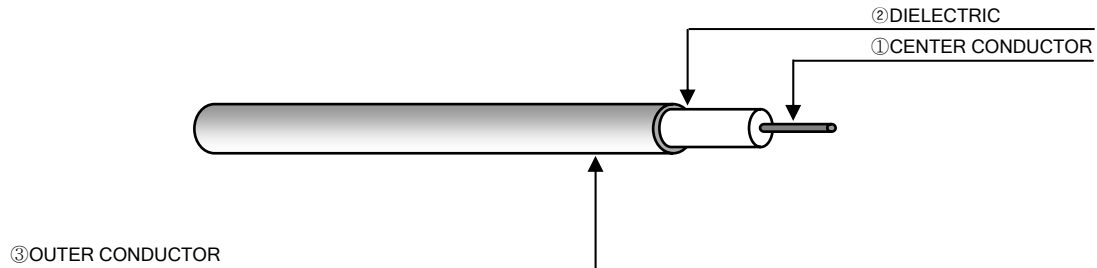


YET-034-TP

Description: Copper Jacketed Semi Rigid 034 Size 50 Ohm Tin Plated
Specification: -----Mil-C-17/154



CONSTRUCTION

번호	ITEM	MATERIAL	DIAMETER	REMARK
①	CENTER CONDUCTOR	SPCW	0.20±0.01mm	
②	DIELECTRIC	PTFE	0.66±0.02mm	SOLID
③	OUTER SHIELD	TC	0.86±0.02mm	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	64.25 Ohms/Mft at 20 °C (max.)		
CAPACITANCE	105.0 pF/m (26.6 pF/ft) (nom.)		
CHARACTERISTIC IMPEDANCE	50 +/- 3 ohms		
CORONA EXTINCTION VOLTAGE	750 vrms @ 60 Hz		
OPERATING FREQUENCY	20 GHz (max.)		
OPERATING TEMP	-40° C ~ +125° C		
VELOCITY OF PROPAGATION	69.5 % (nom.)		
VOLTAGE WITHSTANDING	2,000 vrms @ 60Hz		
WEIGHT	4 kg/km		
MAXIMUM ATTENUATION	Frequency (MHz)	dB/100ft (dB/M)	Power (Watts)
	500	40(1.31)	15
	1,000	59(1.93)	11
	5,000	142(4.65)	4.5
	10,000	191(6.26)	3.6
	20,000	281(9.21)	1.8