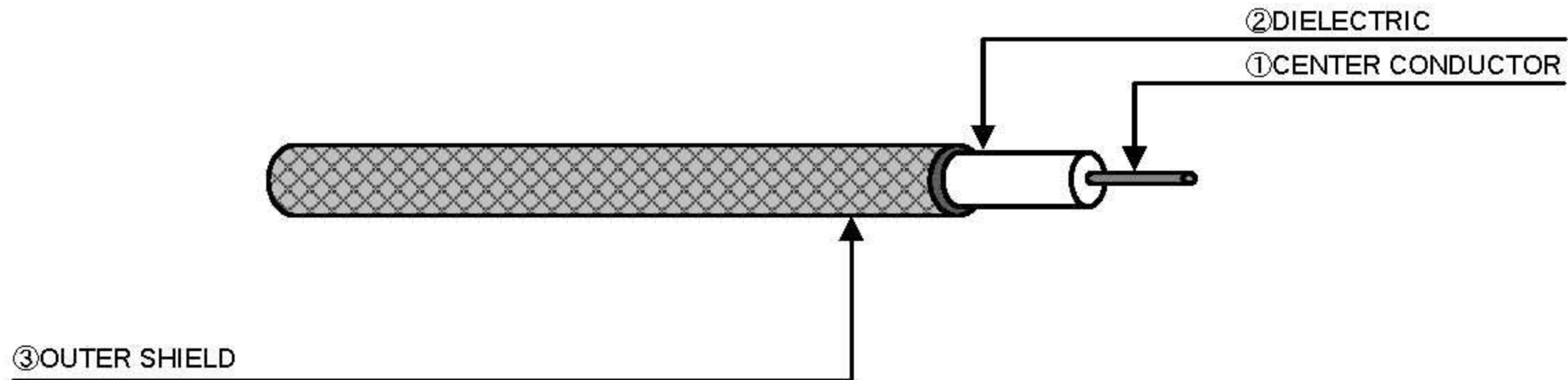


YESF-047

Description: Unjacketed Semi Flexible (Hand Formable) 047 Size
Specification: -----Mil-C-17/151 Type



CONSTRUCTION				
No	ITEM	MATERIAL	DIAMETER	REMARK
①	CENTER CONDUCTOR	SPCW	0.27 ± 0.005mm	
②	DIELECTRIC	PTFE	0.94 ± 0.050mm	SOLID
③	OUTER SHIELD	TC	1.19 ± 0.050mm	BRAID/100% COVERAGE

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

ELECTRICAL DATA			
ITEM	SPECIFICATION		
BEND RADIUS	3.2 mm (min.)		
CONDUCTOR RESISTANCE	207.3 Ohms/Mft at 20℃ (max.)		
CAPACITANCE	95.1 pF/m (29.0 pF/ft) (nom.)		
CHARACTERISTIC IMPEDANCE	50 +/- 2 ohms		
DIELECTRIC CONSTANT	2.07(nom.)		
OPERATING FREQUENCY	20 GHz (max.)		
OPERATING TEMP	-40℃ ~ +125℃		
VELOCITY OF PROPAGATION	69.5 %(nom.)		
VOLTAGE WITHSTANDING	3,500 vrms @ 60 Hz		
RoHS Compliance	YES		
WEIGHT	7 kg/km (0.47 lbs/100ft)		
MAXIMUM ATTENUATION	Frequency (MHz)	dB/100ft(dB/m)	Power (Watts)
	500	28(0.91)	17.7
	1,000	40(1.30)	11.9
	5,000	98(3.20)	5.1
	10,000	155(5.06)	3.5
	20,000	270(8.82)	-