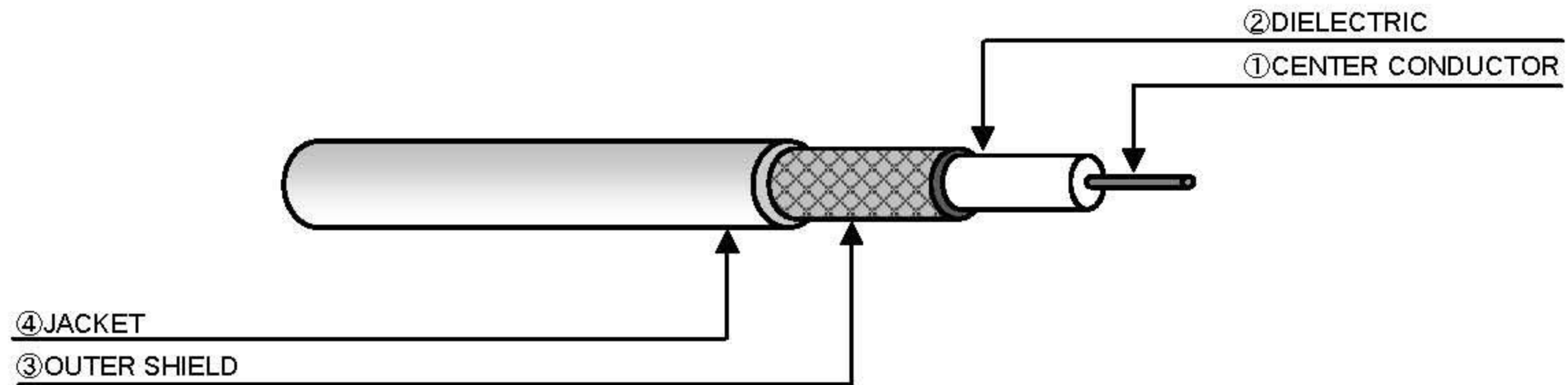


YESF-141/50

Description: Unjacketed Semi Flexible (Hand Formable) 141 Size

Specification: -----RG402 (Mil-C-17/130) Type



CONSTRUCTION				
No	ITEM	MATERIAL	DIAMETER	REMARK
①	CENTER CONDUCTOR	SPCW	0.94±0.013mm	
②	DIELECTRIC	PTFE	3.02±0.050mm	SOLID
③	OUTER SHIELD	TC	3.56±0.050mm	BRAID/100% COVERAGE
④	JACKET	PVC/FEP	4.58±0.050mm	BLACK/BLUE/CLEAR/RED

* SPCW: Silver Plated Copper clad steel Wire

* PTFE: PolyTetraFluorEthylene

* TC: Tinned Copper

* PVC: Polyvinyl Chloride

* FEP: Fluorinated Ethylene Propylene

ELECTRICAL DATA			
ITEM	SPECIFICATION		
BEND RADIUS	7.0 mm (min)		
CONDUCTOR RESISTANCE	19.3 Ohms/Mft at 20°C (max.)		
CAPACITANCE	95.1 pF/m (29.0 pF/ft) (nom.)		
CHARACTERISTIC IMPEDANCE	50 +- 2 ohms		
DIELECTRIC CONSTANT	2.07 (nom.)		
OPERATING FREQUENCY	30 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	39 kg/km (2.4lbs/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