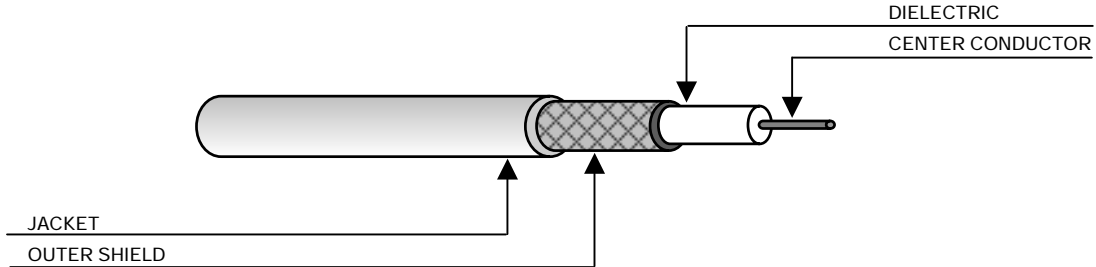




YESF-250

Description: Semi Flexible (Hand Formable) 250 Size
Specification: -----RG401 (Mil-C-17/129) Type



CONSTRUCTION

	ITEM	MATERIAL	DIAMETER	REMARK
	CENTER CONDUCTOR	SPC	1.63±0.030mm	
	DIELECTRIC	PTFE	5.31±0.060mm	SOLID
	OUTER SHIELD	TC	6.30±0.051mm	BRAID/100% COVERAGE
	JACKET	PVC/FEP	7.10±0.051mm	BLACK/BLUE/CLEAR/RED

- * SPC: Silver Plated Copper
- * PTFE: PolyTetraFluorEthylene
- * TC: Tinned Copper
- * PVC: Polyvinyl Chloride
- * FEP: Fluorinated Ethylene Propylene

ELECTRICAL DATA

ITEM	SPECIFICATION		
BEND RADIUS	15 mm (min.)		
CONDUCTOR RESISTANCE	2.57 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	18 GHz (max.)		
OPERATING TEMP	-40° C +125° C		
VELOCITY OF PROPAGATION	69.5 % (nom.)		
VOLTAGE WITHSTANDING	7,500 vrms @ 60 Hz		
WEIGHT	105 kg/km (7 lbs/100ft)		
MAXIMUM ATTENUATION	Frequency (MHz)	dB/100ft(dB/m)	Power (Watts)
	500	5.6(0.18)	242.4
	1,000	7.5(0.25)	181
	5,000	16(0.52)	72.7
	10,000	33(1.08)	47.5
	20,000	54(1.76)	-

The data provided in this publication indicates nominal values unless stated otherwise and is only valid for reference purposes at the time of publication and all information is subject to change without prior notice.