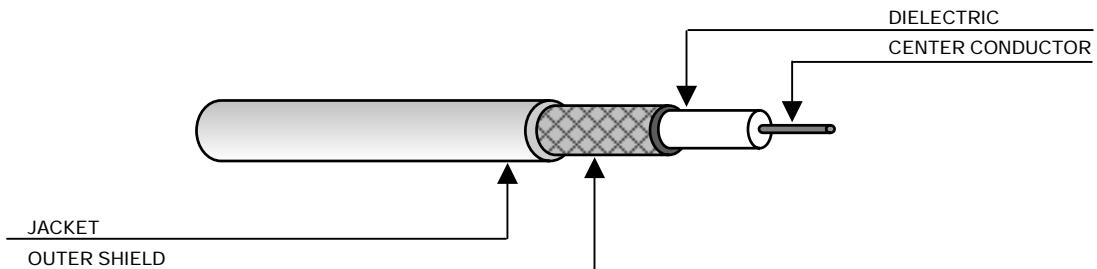




YESF-141/75

Description: Unjacketed Semi Flexible (Hand Formable) 141 Size 75 Ohm Tin Plated



CONSTRUCTION

ITEM	MATERIAL	DIAMETER	REMARK
CENTER CONDUCTOR	SPCW	$0.54 \pm 0.012\text{mm}$	
DIELECTRIC	PTFE	$3.04 \pm 0.038\text{mm}$	SOLID
OUTER SHIELD	TC	$3.53 \pm 0.050\text{mm}$	BRAID/100% COVERAGE
JACKET	PVC/FEP	$4.40 \pm 0.400\text{mm}$	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	64.0 Ohms/Mft at 20	(max.)	
CAPACITANCE	63.5 pF/m (29.0 pF/ft) (nom.)		
CHARACTERISTIC IMPEDANCE	75 +/- 2 ohms		
OPERATING FREQUENCY	20 GHz (max.)		
OPERATING TEMP	-40° C +125° C		
VELOCITY OF PROPAGATION	69.5 % (nom.)		
VOLTAGE WITHSTANDING	5,000 vrms @ 60 Hz		
WEIGHT	39kg/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