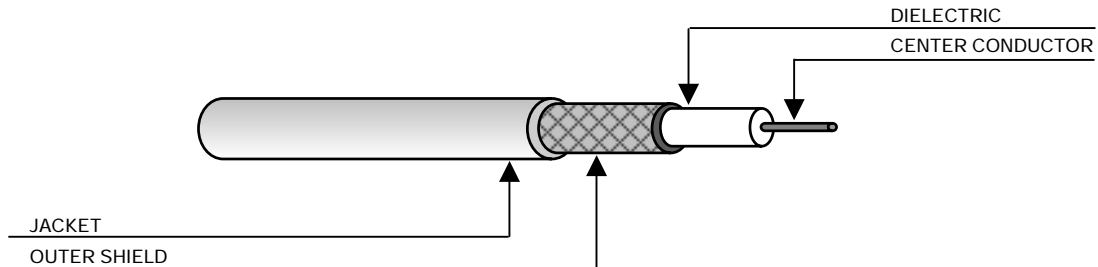




YESF-141/75

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



CONSTRUCTION

	ITEM	MATERIAL	DIAMETER	REMARK
	CENTER CONDUCTOR	SPCW	0.54±0.012mm	
	DIELECTRIC	PTFE	3.04±0.038mm	SOLID
	OUTER SHIELD	TC	3.53±0.050mm	BRAID/100% COVERAGE
	JACKET	PVC/FEP	4.40±0.400mm	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

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.

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