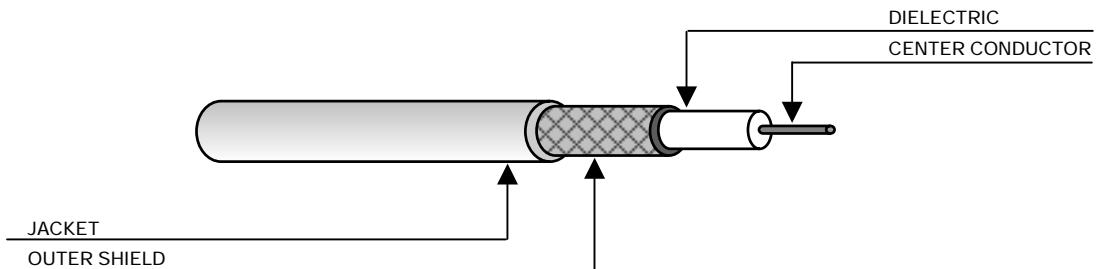




YESF-085/75

Description: Unjacketed Semi Flexible (Hand Formable) 085 Size 75 Ohm



CONSTRUCTION

ITEM	MATERIAL	DIAMETER	REMARK
CENTER CONDUCTOR	SPCW	$0.28 \pm 0.005\text{mm}$	
DIELECTRIC	PTFE	$1.65 \pm 0.030\text{mm}$	SOLID
OUTER SHIELD	TC	$2.18 \pm 0.025\text{mm}$	BRAID/100% COVERAGE
JACKET	PVC/FEP	$2.78 \pm 0.025\text{mm}$	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	4.5 mm (min)		
CONDUCTOR RESISTANCE	205 Ohms/Mft at 20 (max.)		
CAPACITANCE	63.5 pF/m (19.3 pF/ft) (nom.)		
CHARACTERISTIC IMPEDANCE	75 \pm 2 ohms		
DIELECTRIC CONSTANT	2.07 (nom.)		
OPERATING FREQUENCY	3 GHz (max.)		
OPERATING TEMP	-40 +125		
VOLTAGE WITHSTANDING	2,500 vrms @ 60 Hz		
VELOCITY OF PROPAGATION	69.5 % (nom.)		
VOLTAGE WITHSTANDING	2,500 vrms @ 60 Hz		
WEIGHT	17.9 kg/km (1.2 lbs/100ft)		
MAXIMUM ATTENUATION	Frequency (MHz)	dB/100ft(dB/m)	Power(Watts)
	50	4.5(0.14)	195
	100	6.6(0.21)	160
	500	17.4(0.57)	129
	1,000	27.1(0.88)	125

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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