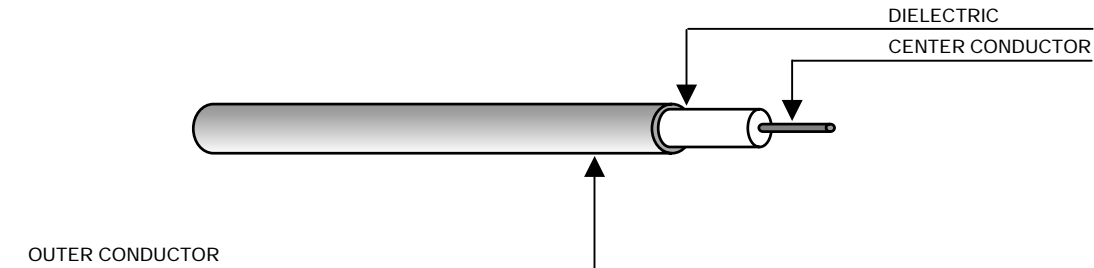




## YET-085/75-TP

Description: Copper Jacketed Semi Rigid 085 Size 75 Ohm Tin Plated



### CONSTRUCTION

	ITEM	MATERIAL	DIAMETER	REMARK
	CENTER CONDUCTOR	SPCW	0.28±0.005mm	
	DIELECTRIC	PTFE	1.72±0.030mm	SOLID
	OUTER SHIELD	TC	2.18±0.025mm	TUBE/100% COVERAGE

\* SPCW: Silver Plated Copper clad steel Wire

\* PTFE: PolyTetraFluorEthylene

\* TC: Tinned Copper

### ELECTRICAL DATA

ITEM	SPECIFICATION		
BEND RADIUS	3.5 mm (min.)		
CONDUCTOR RESISTANCE	205 Ohms/Mft at 20 (max.)		
CAPACITANCE	63.5 pF/m (19.3 pF/ft) (nom.)		
CHARACTERISTIC IMPEDANCE	75 +- 2 ohms		
CORONA EXTINCTION VOLTAGE	1,500 vrms @ 60 Hz		
OPERATING FREQUENCY	20 GHz (max.)		
OPERATING TEMP	-40 +125		
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)
	500	13.0(0.42)	174.9
	1,000	19.3(0.63)	122.8
	5,000	49.6(1.62)	51.1
	10,000	72.6(2.38)	33.2
	20,000	107.3(3.52)	21.9

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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