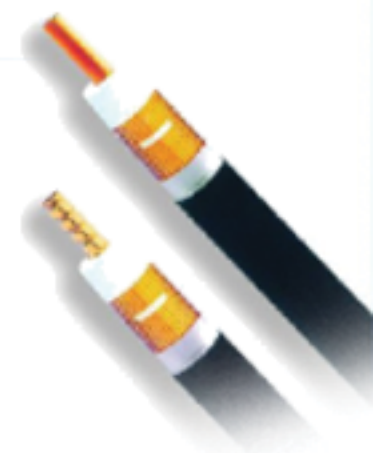




Leaky Coaxial Cable-radiating Mode

Construction

Item	Inner Conductor		Outer Conductor		Jacket	
	Material	Diameter	Material	Diameter	Material	Diameter
7/8" (HLCTY-50-22)	Copper tube	9.0 mm	Solid	23.5 mm	PE or LSOH	27.5 mm
1-1/4" (HLCTY-50-32)		13.1 mm		33.5 mm		37.5 mm
1-1/4" (HLCTY-75-32)	Holical	8.0 mm		33.5 mm		37.5 mm
1-5/8" (HLCTY-50-42)		17.3 mm		43.5 mm		48.01 mm



Characteristics

ITEM		HLCTY-50-22 7/8"	HLCTY-50-32 1-1/4"	HLCTY-75-32 1-1/4"	HLCTY-50-42 1-5/8"
Dynamic Minimum (cm)		70	100	100	150
Dynamic Minimum (c)			-40 + + 80		
Capasistanse(pF/m)		76	76	50	76
Irrespendence (O)		50	50	75	50
Velocity (%)		88	88	88	88
Insulation resistance Min (MΩ-km)		5000	5000	5000	5000
VSWR (Max)		1.30	1.30	1.30	1.30
Attenuation, Max 20 C.db/100m	150 MHz	1.5	1.1	1.4	1.8
	450 MHz	2.8	2.1	---	1.4
	900 MHz	4.5	3.5	---	2.3
	1800 MHz	8.0	6.0	---	4.2
	2400 MHz	12.0	8.5	---	5.2
Coupling Loss 2m,db, 5095, 9596	150 MHz	65/75	66/78	-/75	1.8
	450 MHz	2.8	2.1	---	1.4
	900 MHz	4.5	3.5	---	2.3
	1800 MHz	8.0	6.0	---	4.2
	2400 MHz	12.0	8.5	---	5.2