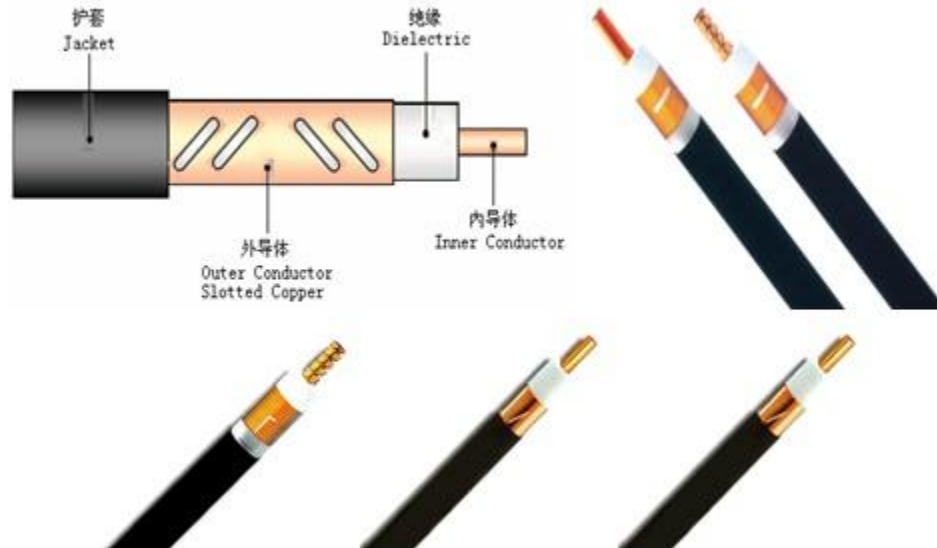


Radiating Leaky Coaxial Cable



	HLCTY(Z)-50-22 (7/8 ")		HLCTY(Z)-50-32 (1-1/4 ")		HLHTY(Z)-50-42 (1-5/8 ")	
	I	II	I	II	I	II
Physical Dimension						
Inner conductor	Smooth copper tube				Helical corrugated copper tube	
	9.00mm		13.10mm		17.40mm	
Insulation	Physically foamed PE					
Outer conductor	Overlapped longitudinally wrapped and hole punched copper foil					
	22.80mm		33.50mm		43.80mm	
Jacket	Black PE/LSZH flame retardant PE					
	27.8mm		38.0mm		49.0mm	
Mechanical Property						
Single bend radius, min.	200mm		250mm		350mm	
Repeated bend radius, min.	400mm		500mm		700mm	
Repeated bend times, min.	15					
Tensile resistance, max.	1500N		2500N		3000N	
Electric Property						
Characteristic impedance	50±2Ω					
Transmission rate	88%					
Capacitance	76pF/m					
Min. insulation resistance	5000MΩ·km (DC 500V, 1 minute)					
Insulation dielectric strength	6000V (lasting for 1 minute, DC)					

WZ-47, Saini Chowk, Budella, Vikaspuri, New Delhi-110018

Phone-91-11-28533349, Mobile-91 98101 38894, Fax-91 11 2853-1435

E-mail: Pradeep@rfconnectorhouse.com, Website: <http://www.rfconnector.info/>

SYNERGY TELECOM PVT. LTD

Jacket spark test, AC, effective value	8000V		10000V		10000V	
VSWR	≤1.30					
Attenuation (dB/100m, 20°C)						
150MHz	1.4	--	1.1	--	0.8	--
450MHz	2.7	--	2.0	--	1.4	--
900MHz	4.5	4.1	3.5	3.2	2.6	2.2
1800MHz	--	6.5	--	5.6	--	3.2
2200MHz	--	7.5	--	6.2	--	4.1
2400MHz	--	8.0	--	7.2	--	4.6
Coupling Loss (dB, 50%/95%, at the point of 2m, 20°C)						
150MHz	66/76	--	66/78	--	72/80	--
450MHz	68/77	--	65/75	--	68/70	--
900MHz	64/72	75/85	65/70	68/75	65/68	68/75
1800MHz	--	70/80	--	62/68	--	64/70
2200MHz	--	70/80	--	65/75	--	60/68
2400MHz	--	68/78	--	62/73	--	62/72
Ambient Temperature						
Storage temperature	-55~+85°C					
Installation temperature	-40~+60°C					
Operation temperature	-50~+85°C					