

Model	HCAHY-50-5(1/4"S)		HCAHY(Z)-50-7(3/8"S)	
Inner Conductor Dia. (mm)	1.90		2.60	
Inner Conductor	CCA wire			
Insulation (mm)	PE Foaming PE			
Outer Conductor	Corrugated Cu pipe			
Jacket Dia.(mm)	7.40		10.50	
Jacket	PE jacket/LSZH flame-retardant polyolefin			
Single Bending Radius (mm)	25		30	
Working Temperature (°C)	-40~+70°C PE jacket -25~+70°C LSZH flame-retardant polyolefin			
Characteristic Impedance (Ω)	50 ± 1		50 ± 1	
Propagation Rate (%)	83		82	
Cut-Off Frequency (MHz)	20GHz		13.2GHz	
Working Voltage (kv)	1.0		1.10	
Attenuation (dB/100m), Average power (KW)				
Frequency	Attenuation	Average Power	Attenuation	Average Power
150 (MHz)	7.55	0.97	5.14	1.87
450 (MHz)	13.20	0.59	9.24	0.85
900 (MHz)	18.60	0.43	13.51	0.48
1800 (MHz)	27.00	0.30	20.03	0.36
2200 (MHz)	30.25	0.27	22.50	0.37
2500 (MHz)	32.40	0.25	24.26	0.35
2700 (MHz)	33.86	0.23	35.38	0.33
3000(MHz)	35.75	0.22	27.02	0.31
5800 (MHz)	51.30	0.16	40.38	0.21
Connector	N-J601 N-K601		N(L16)-J(K)603 L29-J(K)603	

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Model	HRCAY(Z)-50-9(1/2"S)		HCAAY(Z)-50-12(1/2")	
Inner Conductor Dia. (mm)	3.55		4.8	
Inner Conductor	CCA wire			
Insulation (mm)	PE Foaming PE			
Outer Conductor	Corrugated Cu pipe			
Jacket Dia.(mm)	13.50		15.8	
Jacket	PE jacket/LSZH flame retardant polyolefin			
Single Bending Radius (mm)	25		70	
Working Temperature (°C)	-40~+70°C PE jacket -25~+70°C LSZH flame retardant polyolefin			
Characteristic Impedance (Ω)	50 ± 1		50 ± 1	
Propagation Rate (%)	81		88	
Cut-Off Frequency (MHz)	12GHz		8GHz	
Working Voltage (kv)	1.16		1.59	
Attenuation (dB/100m), Average power (KW)				
Frequency	Attenuation	Average Power	Attenuation	Average Power
150(MHz)	3.95	2.83	2.72	2.19
450(MHz)	7.10	1.53	4.83	0.98
900(MHz)	10.40	0.46	6.98	0.71
1800(MHz)	15.44	0.38	10.19	0.52
2200(MHz)	17.36	0.34	11.38	0.45
2500 (MHz)	18.72	0.31	12.23	0.41
2700 (MHz)	19.59	0.29	12.76	0.39
3000(MHz)	20.87	0.26	13.54	0.37
5800 (MHz)	31.07	0.19	19.79	0.25
Matched Connector	N-J605 N-K605		N(L16)-J(K)607 L29-J(K)607	

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Model	HCTAY(Z)--50-16		HCTAY(Z)-50-22(7/8")	
Inner Conductor Dia. (mm)	6.6		9.0	
Inner Conductor	Cu pipe			
Insulation (mm)	PE			
Outer Conductor	Corrugated Cu pipe			
Jacket Dia.(mm)	22.0		27.5	
Jacket	LSZH flame retardant polyolefin			
Single Bending Radius (mm)	90		120	
Working Temperature (°C)	-40~+70°C PE jacket -25~+70°C LSZH flame retardant polyolefin			
Characteristic Impedance (Ω)	50 ± 1		50 ± 1	
Propagation Rate (%)	88		88	
Cut-Off Frequency (MHz)	6.8GHz		5.2GHz	
Working Voltage (kv)	2.06		3.01	
Attenuation (dB/100m), Average power (KW)				
Frequency	Attenuation	Average Power	Attenuation	Average Power
150(MHz)	1.89	3.11	1.40	3.86
450(MHz)	3.65	1.52	2.51	2.03
900(MHz)	5.31	1.07	3.70	1.42
1800(MHz)	7.86	0.72	5.51	0.96
2000(MHz)	8.41	0.66	5.87	0.88
2400(MHz)	9.31	0.60	6.53	0.80
2500(MHz)	9.53	0.58	6.70	0.78
2700(MHz)	9.98	0.56	7.02	0.74
3000 (MHz)	10.65	0.53	7.47	0.69
Matched Connector	N-J609 N-K609		N-J(K)611 IF45-K611	

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Model	HHTAY(Z)-50-32(1-1/4")		HHTAY(Z)-50-42 (1-5/8")	
Inner Conductor Dia. (mm)	13.1		17.3	
Inner Conductor	Corrugated Cu pipe			
Insulation (mm)	PE Foaming PE			
Outer Conductor	Corrugated Cu pipe			
Jacket Dia.(mm)	40.0		51.0	
Single Bending Radius (mm)	200		280	
Working Temperature (°C)	-40~+70°C PE jacket -25~+70°C LSZH flame retardant polyolefin			
Characteristic Impedance (Ω)	50 ± 1		50 ± 1	
Propagation Rate (%)	88		88	
Cut-Off Frequency (MHz)	3.0		2.4	
Working Voltage (kv)	4.2		5.6	
Attenuation (dB/100m), Average power (KW)				
Frequency	Attenuation	Average Power	Attenuation	Average Power
150(MHz)	1.10	6.14	1.01	13.22
450(MHz)	2.04	3.20	1.86	6.46
900(MHz)	3.15	2.11	2.78	4.30
1800(MHz)	4.64	1.46	4.22	2.83
2000(MHz)	4.99	1.32	4.51	2.65
2400(MHz)	5.73	1.20	5.06	2.34
2500(MHz)	5.87	1.17	5.19	2.28
2700(MHz)	6.17	1.11	/	/
3000 (MHz)	6.46	1.02	/	/
Matched Connector	N-J(K)613 IF70-K613		N-J(K)615 IF45-K615	

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Model	HHTAY(Z)-50-52(2-1/4")
Inner Conductor Dia.(Mm)	21.20
Inner Conductor	Corrugated Cu pipe
Insulation Dia.(mm)	52.5
Insulation	发泡 PE Foaming PE
Outer Conductor Dia.(mm)	55.9
Outer Conductor	皱纹铜管 Corrugated Cu pipe
Jacket Dia.(mm)	60
Jacket	PE jacket/ LSZH flame retardant polyolefin
Single Bending Radius (mm)	610
Working Temperature	-40~+70°C PE jacket -25~+70°C LSZH flame retardant polyolefin
Characteristic Impedance (Ω)	50 $\pm$ 2.5
Propagation Rate (%)	88
Max. Working Frequency (MHz)	2500
Frequency	Attenuation
1(MHz)	0.07
2(MHz)	0.09
10(MHz)	0.19
20(MHz)	0.28
30(MHz)	0.33
150(MHz)	0.74
200(MHz)	0.87
400 (MHz)	1.29
500 (MHz)	1.47
960(MHz)	2.19
1500(MHz)	2.88
1700(MHz)	3.12
1900(MHz)	3.36
2000(MHz)	3.47
2200 (MHz)	3.69

Model	HHTAY(Z)-50-52(2-1/4")
Max. Voltage VSWR	
1~30 MHz	1.10
230~300 MHz	1.20
320~480 MHz	
820~960 MHz	
1400~1650 MHz	
1700~1900 MHz	
2100~2250 MHz	1.25
2300~2500 MHz	
Connector	N-J(K)617

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