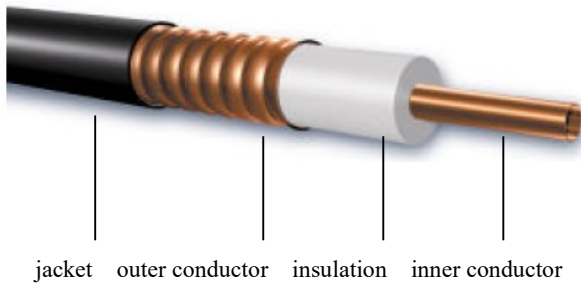


1-1/4" Flexible RF Coaxial Cable



Type		Type No.
Standard cable		HCTAY-50-32
Fire-retardant cable		HCTAYZ-50-32
Construction		
Inner conductor	Material	Copper tube
	Diameter (mm)	13.1±0.1
Insulation	Material	Foamed PE
	Diameter (mm)	32.5±0.25
Outer conductor	Material	Annular corrugated copper tube
	Diameter (mm)	35.8±0.3
Jacket	Material	LLDPE or fire-retardant PE
	Min.thickness (mm)	> 1.2
	Diameter (mm)	38.8±0.30
Mechanical Parameters		
Bending radius (mm)	Single bend	200
	Repeated bend	380
Tensile strength (N)		2500
Cable weight (kg/km)		760
Recommended temperature (°C)	Storage	-70~+85
	Installation	-40~+60
	Operating	-55~+85

●Products meet the RoHS requirement, and according to the requirements of RoHS, you can see the RoHS mark on the outside package

Electrical Parameters

Inner conductor DC resistance (Ω/km)	1.25	
Outer conductor DC resistance (Ω/km)	0.87	
Characteristic impedance (Ω)	50±1.5	
Capacitance (p F/m)	77	
Velocity (%)	87	
Dielectric strength (KV)	10.0	
Insulation resistance (MΩ/km)	> 1×10 ⁴	
Peak power rating (KV)	205	
Peak voltage (V)	4300	
Cut-off frequency (GHz)	3.7	
Attenuation and Average power (Maximum attenuation value shall be 105% of the nominal attenuation value)		
Frequency (MHz)	Attenuation (@20°C, dB/100m)	Average power (kv)
200	1.26	8.12
450	1.94	5.22
800	2.66	3.78
900	2.87	3.69
1000	3.04	3.32
1500	3.87	2.62
1800	4.29	2.35
2000	4.58	2.21
2200	4.91	2.21
2500	5.24	1.92
3000	5.85	1.72
VSWR		
800MHz~1000MHz		1.15
1700MHz~2500MHz		1.18
2500MHz~3000MHz		1.20

Note:

For fire-retardant jacket cable, recommended temperature:

Storage: -30°C~+80°C

Installation: -25°C~+60°C

Operating temperature: -30°C~+80°C