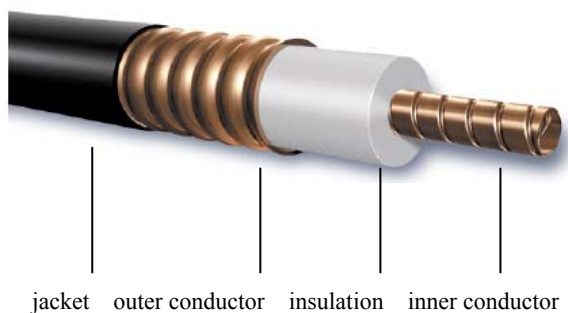


1-5/8" Flexible RF Coaxial Cable



Type		Type No.
Standard cable		HHTAY-50-42
Fire-retardant cable		HHTAYZ-50-42
Construction		
Inner conductor	Material	Helical corrugated copper tube
	Diameter (mm)	17.3±0.15
Insulation	Material	Foamed PE
	Diameter (mm)	42.7±0.30
Outer conductor	Material	Annular corrugated copper tube
	Diameter (mm)	46.5±0.30
Jacket	Material	LLDPE or fire-retardant PE
	Min.thickness (mm)	> 1.3
	Diameter (mm)	49.6±0.30
<b>Mechanical Characteristics</b>		
Bending radius (mm)	Single bend	280
	Repeated bend	500
Tensile strength (N)		3000
Cable weight (kg/km)		1100
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 Characteristics		
Inner conductor DC resistance (Ω/km)	0.91	
Outer conductor DC resistance (Ω/km)	0.52	
Characteristic impedance (Ω)	50±1.5	
Capacitance (p F/m)	76	
Velocity (%)	88	
Dielectric strength (KV)	15.0	
Insulation resistance (MΩ/km)	$> 1 \times 10^4$	
Peak power rating (KV)	310	
Peak voltage (V)	5600	
Cut-off frequency (GHz)	3.0	
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	0.98	11.30
450	1.53	7.18
800	2.13	5.15
900	2.29	4.97
1000	2.43	4.52
1500	3.21	3.54
1800	3.47	3.17
2000	3.71	2.96
2200	4.06	2.87
2500	4.27	2.58
2700	4.68	2.40
<b>VSWR</b>		
800MHz~1000MHz		1.10
1700MHz~2500MHz		1.13
2500MHz~2700MHz		1.15

Note:

For fire-retardant jackter cable, recommended temperature:

Storage: -30°C~+80°C

Installation: -25°C~+60°C

Operating temperature: -30°C~+80°C