

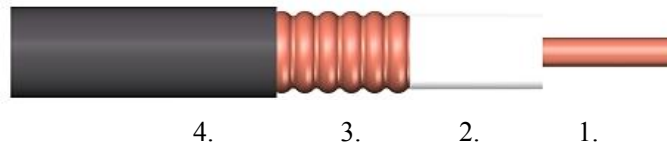
**Part No: 05706**

## Coaxial Corrugated Cable 1 1/4" Low Loss Feeder Type

Construction		
Inner Conductor	Material	Smooth copper tube
	Diameter, mm	13.00mm
Insulation	Material	Physically foamed PE
	Diameter, mm	32.80mm
Outer conductor	Material	Ring corrugated copper
	Diameter, mm	35.80mm
Jacket	Material	Flame retardant PE
	Diameter, mm	38.80mm
Mechanical properties		
Bending radius, mm	Single	200
	Repeated	380
Pulling strength, N		3600
Recommended temp, °C	Store	-50~+80
	Installation	-40~+60
	Operation	-50~+85
Electrical properties		
Impedance, Ω		50±2
Inductance, μH/m		0.19
Capacitance, pF/m		75
Propagation velocity, %		87
DC breakdown voltage, kV		8.0
Insulation resistance, MΩ·km		>5×10 <sup>3</sup>
Peak power, kW		205
Screening attenuation, dB		>>120
Cut-off frequency, GHz		3.3

**Note:**

- This cable is RoHS compliant. As a statement of RoHS compliant, you can find the label on our product package.



1: Inner Conductor      2: Insulation  
3: Outer conductor      4: Jacket

Figure 8: 05706 1 1/4" Feeder cable

Attenuation and average power		
Frequency MHz	Nom. attenuation @20°C, dB/100m	Power rate @20°C, kW
100	0.84	11.7
450	1.87	5.23
690	2.38	4.34
800	2.59	3.79
900	2.77	3.53
1000	2.94	3.33
1800	4.16	2.36
2000	4.43	2.21
2400	4.95	1.99
2500	5.07	1.94
2600	5.20	1.91
2700	5.32	1.87
3000	5.68	1.71
<ul style="list-style-type: none"> <li>Maximum attenuation value shall be 105% of the nominal attenuation value</li> </ul>		
VSWR		
800~2400MHz	≤1.12	
2500~2700MHz	≤1.15	

