

天津中环安讯达科技有限公司 /TIANJIN ZHONGHUAN ASCEND TECHNOLOGIES CO.,LTD.

HCAAY (YZ) -50-12 (1/2")



| 电缆种类 /Cables model | | | 电缆衰减和平均功率 /Attenuation and Average Power | | |
|----------------------------|------------------------------------|--------------|--|-----------------|---------------------|
| 标准电缆 /Standard Cable | | | 频率 /Frequency | 衰减 /Attenuation | 平均功率 /Average Power |
| 阻燃电缆 /Fire Retardant Cable | | | MHz | dB/100m | kW |
| 1/2" | 聚乙烯护套 / PE Jacket | HCAAY-50-12 | 0.5 | 0.148 | 40.0 |
| 1/2" | 低烟无卤阻燃聚乙烯护套 /Fire-Retardant Jacket | HCAAYZ-50-12 | 1 | 0.209 | 35.8 |
| | | | 1.5 | 0.256 | 29.2 |
| | | | 2 | 0.296 | 25.3 |
| | | | 10 | 0.665 | 11.3 |
| | | | 20 | 0.945 | 7.93 |
| | | | 30 | 1.158 | 6.46 |
| | | | 50 | 1.505 | 4.98 |
| | | | 87 | 2.010 | 3.73 |
| | | | 100 | 2.149 | 3.49 |
| | | | 108 | 2.238 | 3.36 |
| | | | 150 | 2.614 | 2.75 |
| | | | 174 | 2.861 | 2.62 |
| | | | 200 | 3.079 | 2.44 |
| | | | 300 | 3.792 | 1.97 |
| | | | 400 | 4.416 | 1.70 |
| | | | 450 | 4.683 | 1.53 |
| | | | 500 | 4.970 | 1.51 |
| | | | 512 | 5.030 | 1.49 |
| | | | 600 | 5.475 | 1.37 |
| | | | 700 | 5.950 | 1.26 |
| | | | 800 | 6.396 | 1.17 |
| | | | 824 | 6.495 | 1.15 |
| | | | 900 | 6.822 | 1.05 |
| | | | 960 | 7.050 | 1.04 |
| | | | 1000 | 7.208 | 1.02 |
| | | | 1250 | 8.149 | 0.921 |
| | | | 1500 | 9.000 | 0.833 |
| | | | 1700 | 9.644 | 0.777 |
| | | | 1800 | 10.099 | 0.723 |
| | | | 2000 | 10.693 | 0.673 |
| | | | 2100 | 10.990 | 0.653 |
| | | | 2200 | 11.089 | 0.615 |
| | | | 2400 | 11.733 | 0.608 |
| | | | 3000 | 13.218 | 0.563 |
| | | | 4000 | 15.644 | 0.479 |
| | | | 6000 | 19.901 | 0.378 |
| | | | 8000 | 23.564 | 0.318 |

测试条件：测衰减时，周围温度 20℃；测平均功率时，周围温度 40℃，内导体温度 100℃；以上测试电缆 VSWR 均为 1.0
 Standard Conditions: For attenuation.VSWR 1.0 ambient temperature 20℃ ;For Average power.VSWR 1.0, ambient temperature 40℃ ;inner conductor temperature100℃ ,no solar loading.