附件2 检测指标承诺书

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| --- | --- | --- | --- | --- | --- | --- |
| 序号 | 检验项目 | 单位 | 技术要求 | | 指标分类 | 承诺 |
| 1 | 内导体螺旋形皱纹标称节距 | mm | 10.20±0.30 | | C | 承诺满足 |
| 2 | 外导体最大外径 | mm | ≤44.5 | | B | 承诺满足 |
| 3 | 绝缘同心度 | -- | ≥94% | | C | 承诺满足 |
| 4 | 绝缘剥离力 | N | ≥98 | | B | 承诺满足 |
| 5 | 绝缘热收缩 | mm | ≤6.4 | | B | 承诺满足 |
| 6 | 老化前绝缘层的热氧化稳定性 | min | ≥20 | | B | 承诺满足 |
| 7 | 护套最小厚度 | mm | ≥1.7 | | B | 承诺满足 |
| 8 | 电缆最大外径 | mm | ≤49.0 | | B | 承诺满足 |
| 9 | 护套偏心度 | —— | ≤43% | | C | 承诺满足 |
| 10 | 电缆长度标志误差 | —— | ≤5‰ | | C | 承诺满足 |
| 11 | 内导体最大直流电阻(20℃) | Ω/km | ≤1.5 | | B | 承诺满足 |
| 12 | 外导体最大直流电阻(20℃) | Ω/km | ≤2.0 | | B | 承诺满足 |
| 13 | 绝缘介电强度 | -- | DC 15000V 1min 不击穿 | | B | 承诺满足 |
| 14 | 绝缘电阻 | MΩ·km | ≥5000 | | B | 承诺满足 |
| 15 | 相对传输速度 | —— | （30～200）MHz | 88% | 实测值 | 承诺满足 |
| 16 | 电容 | pF/m | 76 | | 实测值 | 承诺满足 |
| 17 | 平均特性阻抗 | Ω | 50±2 | | A | 承诺满足 |
| 18 | ★最大纵向衰减常数，20℃ | dB/100m | 800 MHz | 2.13 | A | 承诺满足 |
| 900 MHz | 2.30 | 承诺满足 |
| 1800 MHz | 3.97 | 承诺满足 |
| 1900 MHz | 4.10 | 承诺满足 |
| 2000 MHz | 4.43 | 承诺满足 |
| 2200 MHz | 4.84 | 承诺满足 |
| 2400 MHz | 5.47 | 承诺满足 |
| 2600 MHz | 6.34 | 承诺满足 |
| 2620 MHz | 6.50 | 承诺满足 |
| 19 | ★最大耦合损耗(95%)距电缆2m处测量值 | dB | 800 MHz | 74 | A | 承诺满足 |
| 900 MHz | 74 | 承诺满足 |
| 1800 MHz | 70 | 承诺满足 |
| 1900 MHz | 68 | 承诺满足 |
| 2000 MHz | 68 | 承诺满足 |
| 2200 MHz | 68 | 承诺满足 |
| 2400 MHz | 69 | 承诺满足 |
| 2600 MHz | 66 | 承诺满足 |
| 2620 MHz | 67 | 承诺满足 |
| 20 | 系统损耗 max(200m) | dB | 800 MHz | 78.3 | A | 承诺满足 |
| 900 MHz | 78.6 | 承诺满足 |
| 1800 MHz | 77.9 | 承诺满足 |
| 1900 MHz | 76.2 | 承诺满足 |
| 2000 MHz | 76.9 | 承诺满足 |
| 2200 MHz | 77.7 | 承诺满足 |
| 2400 MHz | 79.9 | 承诺满足 |
| 2600 MHz | 78.7 | 承诺满足 |
| 2620 MHz | 80.0 | 承诺满足 |
| 系统损耗 max(300m) | dB | 800 MHz | 80.4 | A | 承诺满足 |
| 900 MHz | 80.9 | 承诺满足 |
| 1800 MHz | 81.9 | 承诺满足 |
| 1900 MHz | 80.3 | 承诺满足 |
| 2000 MHz | 81.3 | 承诺满足 |
| 2200 MHz | 82.5 | 承诺满足 |
| 2400 MHz | 85.4 | 承诺满足 |
| 2600 MHz | 85.0 | 承诺满足 |
| 2620 MHz | 86.5 | 承诺满足 |
| 系统损耗 max(400m) | dB | 800 MHz | 82.5 | A | 承诺满足 |
| 900 MHz | 83.2 | 承诺满足 |
| 1800 MHz | 85.9 | 承诺满足 |
| 1900 MHz | 84.4 | 承诺满足 |
| 2000 MHz | 85.7 | 承诺满足 |
| 2200 MHz | 87.4 | 承诺满足 |
| 2400 MHz | 90.9 | 承诺满足 |
| 2600 MHz | 91.4 | 承诺满足 |
| 2620 MHz | 93.0 | 承诺满足 |
| 系统损耗 max(500m) | dB | 800 MHz | 84.7 | A | 承诺满足 |
| 900 MHz | 85.5 | 承诺满足 |
| 1800 MHz | 89.9 | 承诺满足 |
| 1900 MHz | 88.5 | 承诺满足 |
| 2000 MHz | 90.2 | 承诺满足 |
| 2200 MHz | 92.2 | 承诺满足 |
| 2400 MHz | 96.4 | 承诺满足 |
| 2600 MHz | 97.7 | 承诺满足 |
| 2620 MHz | 99.5 | 承诺满足 |
| 21 | 最大电压驻波比 | -- | (790-960) MHz | 1.3 | A | 承诺满足 |
| (1700-1900) MHz | 1.3 | 承诺满足 |
| (1920-2025) MHz | 1.4 | 承诺满足 |
| (2110-2200) MHz | 1.4 | 承诺满足 |
| (2300-2500) MHz | 1.4 | 承诺满足 |
| (2560-2700) MHz | 1.4 | 承诺满足 |
| 22 | 护套抗张强度（中值） | MPa | ≥10 | | A | 承诺满足 |
| 23 | 护套热老化前断裂伸长率（中值） | —— | 低烟无卤阻燃聚烯烃护套：老化温度：（100±2）℃，24×7h，≥125% | | A | 承诺满足 |
| 24 | 护套热老化后断裂伸长率（中值） | —— | 低烟无卤阻燃聚烯烃护套：老化温度：（100±2）℃，24×7h，≥100% | | A | 承诺满足 |
| 25 | 护套热收缩率 | —— | 低烟无卤阻燃聚烯烃护套：老化温度：（100±2）℃，4h，≤5% | | A | 承诺满足 |
| 26 | 低温弯曲 | —— | （-30±2）℃保持48h，取出试样在30s内弯曲一次，试验后护套应无可见的开裂、裂纹或其它损伤 | | B | 承诺满足 |
| 27 | 温度冲击 | mm | （85±2)℃，4h； (-50±2)℃，4h，4次循环 | 内导体轴向尺寸变化：≤1.6 | B | 承诺满足 |
| 绝缘层轴向尺寸变化：≤3.2 | 承诺满足 |
| —— | 试样的护套和绝缘应无开裂、裂纹或其它损伤 | 承诺满足 |
| 28 | 重复弯曲 | —— | 试样护套、绝缘和金属部分应无开裂、裂纹或其它损伤 | | A | 承诺满足 |
| 重复弯曲后最大电压驻波比 | -- | (790-960) MHz | 1.3 | 承诺满足 |
| (1700-1900) MHz | 1.3 | 承诺满足 |
| (1920-2025) MHz | 1.4 | 承诺满足 |
| (2110-2200) MHz | 1.4 | 承诺满足 |
| (2300-2500) MHz | 1.4 | 承诺满足 |
| (2560-2700) MHz | 1.4 | 承诺满足 |
| 29 | 抗压性测试后最大电压驻波比 | -- | (790-960) MHz | 1.3 | A | 承诺满足 |
| (1700-1900) MHz | 1.3 | 承诺满足 |
| (1920-2025) MHz | 1.4 | 承诺满足 |
| (2110-2200) MHz | 1.4 | 承诺满足 |
| (2300-2500) MHz | 1.4 | 承诺满足 |
| (2560-2700) MHz | 1.4 | 承诺满足 |
| 30 | 阻燃性能（单根垂直燃烧试验） | mm | 上支架下缘和碳化起始点间距离>50 | | A | 承诺满足 |
| 燃烧向下延伸至上支架的下缘距离≤540 | | 承诺满足 |
| 31 | 低烟无卤性能 | —— | 透光率≥50% | | A | 承诺满足 |
| —— | PH值≥4.3 | | 承诺满足 |
| μs/mm | 导电率≤10 | | 承诺满足 |