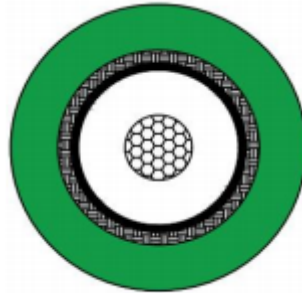


Date: 16 Jan. 2023

Low Noise High Temperature Coaxial Cable

Inquiry. No.: UE20230122



Construction

1. **Conductor:** 30AWG (7/0.1mm) Silver plated Copper
2. **Coating:** Low noise semi conductive coating
3. **Insulation:** PFA
4. **Coating:** Low noise semi conductive coating
5. **Shield:** Silver Plated Copper Braid >95% coverage
6. **Jacket:** PFA, green, outer diameter: $2.0 \pm 0.20\text{mm}$

Electrical properties at 20°C:

Item	Requirement
Rated temperture&voltage	-90~260℃ & 300V
Spark test for insulation	500v
Conductor resistance	$\leq 355\text{ohm/km}$ at 20℃ max.
Insulation resistance	$\geq 5000\text{Mohm*km}$ at 20℃ max.
Dielectric test	3.0KV/5Min NoBreakDown
Impedance	$50 \pm 2\Omega$
Max. Capacitance	105nF/km
Min Bending radius	Fixed: 5D;Flexing: 10D
Max. Attenuation	108dB/100m
Flame test	VW-1 and FT1
Environment	RoHS