

Coaxial Cable

SKU: ETL-RF-CABLE

ETL FEEDER CABLE

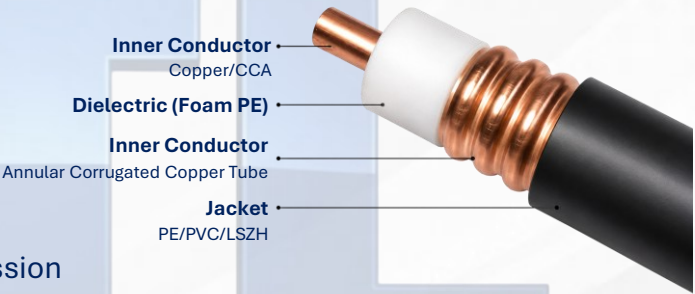
Applications

- Wireless Communication Systems
- Base Station & DAS Networks
- RF Transmission
- Broadcast Systems
- CCTV & Security Systems
- Industrial Communication
- Indoor & Outdoor Installation



Features

- Low Signal Attenuation
- Excellent Shielding Performance
- UV Resistant PE/PVC Jacket
- Weather Resistant
- Flexible & Easy Installation
- Stable 50Ω Characteristic Impedance
- Suitable for Long Distance RF Transmission



Cable Construction

Parameters	Material / Details	Dimensions / Coverage
Conductor	Solid CCA (Copper-Clad Aluminium)	2.74 ± 0.005mm
Insulation	Foamed PE (Polyethylene)	7.24 ± 0.10mm
1st Shield	Aluminum / Polyester bonded to dielectric	100% Coverage
2nd Shield	Aluminium Braid (24x7x0.15mm)	≥ 90% Coverage
Sheath / Jacket	PVC (Low Smoke, Fire Retardant)	10.30 ± 0.10mm
Colour / Length	Black	500m/drum
Bending Radius	Dynamic / Static	≥ 5x diameter
Installation Temp	Operational Range	-40°C to +80°C

Conductor Resistance @ 20°C	≤ 5.2 Ω/km
Nominal Impedance	50 ± 3 Ω
Capacitance	78 ± 5 pF/m
Velocity Ratio	85%

Frequency (MHz)	Maximum Atténuation (dB / 100 m)
140	6.0
350	9.0
900	15.0
1800	21.0
1900	21.70