

| Cable Specification | | 12D Super Low Loss Coax Cable |
|-------------------------------------|------------------------------|-------------------------------|
| Inner conductor | Diameter | 4.47mm |
| | Material | CCA |
| Dielectric | Diameter | 11.56mm |
| | Material | Physical foam PE |
| Outer conductor | AL/PET foil | |
| | Braid | Wire Dia. 0.18mm |
| | | Mesh 10x24 |
| | | Coverage 90% |
| | | Material Tinned Copper |
| O.D. | 12.50mm | |
| Jacket | O.D. | 14.99mm |
| | Material | PE |
| | Color | Black |
| Characteristics | | |
| Min.bending radius | 38.1mm | |
| Tensile strength | 158.9kg | |
| Impedance | 50±2Ω | |
| Insulation resistance | 5000 MΩ /km | |
| Dielectric strength | 1.6 kv | |
| Inner conductor DC resistance @20°C | 1.74Ω /KM | |
| Outer conductor DC resistance @20°C | 3.94Ω /KM | |
| Velocity of propagation | 85% | |
| Peak power rating | 40 kw | |
| Cutoff frequency | 10.3 GHz | |
| Voltage withstand | DC 4000V | |
| Capacitance | 76.8 pF/m | |
| Shielding effectiveness | > 90 dB | |
| Return Loss 0.03-3GHz | 15 dB | |
| Attenuation | | |
| Frequency (MHz) | Attenuation (dB/100m) Normal | |
| 30 | 1.60 | |
| 50 | 1.97 | |
| 150 | 3.20 | |
| 220 | 3.80 | |
| 450 | 5.60 | |
| 900 | 8.20 | |
| 1500 | 10.80 | |
| 1800 | 12.10 | |
| 2000 | 12.80 | |
| 2500 | 14.80 | |
| 3000 | 16.40 | |