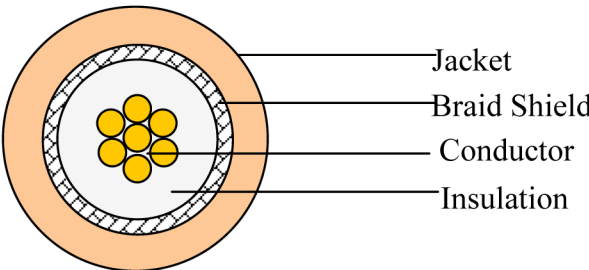


CELF300 COAXIAL CABLE

SPECIFICATION

| | | | | | |
|---------------------------------|--------------------------------------------------------------------------------------|-------------------|----------------------------------------------|---------|---------|
| Standard : | | | | | |
| | Material | ---- | Copper Covered Steel Wire | | |
| | Conductors No. | ---- | 7/0.6mm | | |
| | Outside Diameter | mm | 1.8mm | | |
| Insulation | Material | ---- | Gas Injected Foamed Polyethylene | | |
| | Average Thickness | mm | 1.6mm | | |
| | Diameter | mm | $5.0 \pm 0.15\text{mm}$ | | |
| Braid Shield | Material | ---- | Double side Aluminum Foil Tinned Copper Wire | | |
| | Construction | mm | 16x8/0.12mm | | |
| | Coverage | % | 84 | | |
| | Diameter | mm | $5.6 \pm 0.1\text{mm}$ | | |
| Jacket | Material | ---- | PVC | | |
| | Color | ---- | Black | | |
| | Overall Diameter | mm | $7.5 \pm 0.2\text{mm}$ | | |
| Bending | Circel need a diameter of 83mm | | | | |
| Drawing |  | | | | |
| Electrical & Physical Propertie | | | | | |
| Nom. Impedance | Ω | $50 \pm 3 \Omega$ | | | |
| Insulation Resistance | $M\Omega / \text{km}$ | 1000 \uparrow | | | |
| Capacitance | pF/M | 83 ± 3 | | | |
| Attenuation (dB/100M) | 100MHz | 500MHz | 1000MHz | 2000MHz | 2400MHz |
| | 6.19 | 14.58 | 21.29 | 31.4 | 35.03 |