



Hangzhou Risingsun Cable Co., Ltd

Applications:

Ideal for all applications for digital satellite systems, this high grade cable gives superior results for longer cable runs or where signals are marginal, communal system, suitable for many applications, including low power video, video signal, and broadband signals, also used in high frequency transmission, especially for transmitters and receivers, computers, radio and TV transmissions.

CT100-Multi5

Combo Cable

| Construction: | Material | Diameter(mm) |
|------------------------|-----------------------|--------------|
| Conductor | Bare Copper | 1.00 |
| Insulation | Foam Polyethylene | 4.60 |
| 1 st Shield | Copper Foil | 4.75 |
| 2 nd Shield | 54% Copper wire Braid | / |
| Jacket | PVC/LSF | 6.55 |
| Earth Wire | Stranded Bare Copper | OEM |

Electrical Characteristics:

| | | |
|-----------------------------|-------------|-----------|
| Capacitance(pF/m) | | 52±2 |
| Impedance(Ω) | | 75±3 |
| Velocity of Propagation(%) | | 85 |
| Retrun Loss(dB) | 5-470MHz | ≥23 |
| | 470-862MHz | ≥20 |
| | 862-2150MHz | ≥18 |
| Shielding Effectiveness(dB) | | >85 |
| Spark Test(VAC) | | 4000 |
| Operating Temp Range(°C) | | -40 to 85 |

Attenuation (20 °C)

| Frequency(Mhz) | Max Attenuation(dB/100m) |
|----------------|--------------------------|
| 5 | 1.6 |
| 50 | 4.6 |
| 100 | 6.5 |
| 200 | 9.5 |
| 460 | 15.0 |
| 860 | 19.5 |
| 1000 | 21.5 |
| 1750 | 29.0 |
| 2150 | 32.5 |

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