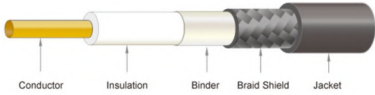




HF-240 Twin Cable SPECIFICATION

Construction Specification

| | |
|---------------------|-------------------------------|
| Conductor | Bare Copper, Ø1.42 mm |
| Insulation | PE foam, Ø3.95 mm |
| Binder/Braid Shield | Al. foil + TC braid, Ø5.78 mm |
| Jacket | Black, PVC, Ø6.10 mm |



Mechanical Characteristics

| | |
|------------------------|------------|
| Minimum bending radius | 20 mm |
| Operating temperature | -35 ~ 80°C |
| Cutoff frequency | 31 Ghz |
| Shielding effect | ≥ 90 dB |
| Pmax | 2.5 kW |

Electrical Characteristics

| | |
|---------------------|---------------|
| Capacitance | 83pF/m |
| Impedance | 50 Ω |
| Velocity | 83 % |
| Operating frequency | 10 ~ 6000 MHz |
| VSWR | ≤ 2.0 |
| Time Delay | 3.97 nS/m |
| Inductance | 0.20 uH/m |
| Operating voltage | 1500 Vrms |

Attenuation

| | |
|----------|------------|
| 150 MHz | 0.099 dB/m |
| 220 MHz | 0.120 dB/m |
| 900 MHz | 0.248 dB/m |
| 1500 MHz | 0.324 dB/m |
| 1800 MHz | 0.356 dB/m |
| 2000 MHz | 0.377 dB/m |
| 2500 MHz | 0.424 dB/m |
| 5800 MHz | 0.668 dB/m |