



Specifications:

Frequency Range: DC-110GHz
 Impedance: 50Ω
 Insertion Loss: 2.7dB/ft @ 40GHz
 3.0dB/ft @ 50GHz
 3.5dB/ft @ 67GHz
 4.5dB/ft @ 110GHz
 VSWR: 1.3:1 Max @ DC-67GHz
 1.5:1 Max @ 67-110GHz
 Phase Balance: ±4° Max
 Amplitude Balance: ±0.2dB Max
 Velocity of Propagation: 78% Typ
 Capacitance: 85pF/m Typ
 Cable Type: 87HS
 Outer Diameter: 4.3mm
 Minimum Bend Radius: 15mm
 Crush Resistance: 600lbs/inch
 Connectors: 1.0mm Male
 Operating Temp: -30°C - +105°C

1. Connector - 1mm Male
2. Heat Shrink Tube
3. Cable (see detail above)
4. Connector Cover
5. Protective Tube
6. Foam
7. Cover

| XX | A(mm) | B(mm) |
|----|-------|-------|
| 04 | 100 | 102.4 |
| 08 | 200 | 202.4 |
| 12 | 300 | 302.4 |
| 16 | 400 | 402.4 |

CernexWave

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|------------------------------------|------|---|--------------|
| DESCRIPTION : | | | |
| 1mm Male, DC-110GHz Cable Assembly | | | |
| MODEL NO. : | | | |
| C10M-10M87HS-XX | | | |
| Dimensions in mm | SIZE | CAGE CODE : | REV CODE : |
| | A | 78BW1 | REV A |
| SCALE : N / A | | ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME | SHEET 1 OF 1 |