

HSM110-XMPM-8X2-1Y-L

High Speed Multi-Coaxial Cable Assemblies DC~110GHz

Configurations

Cable : .047" Low Loss Flexible Cable
End 1 : Coax Contact XMPM
End 2 : Connector 1.0mm Male

Features & Advantages

- Spring-Loaded Contact
- One-Piece Interface for Direct-Attach Mount
- Solder-Free Installation
- High-Density, Space-Saving Design
- Single Row or Double Row Option

Application

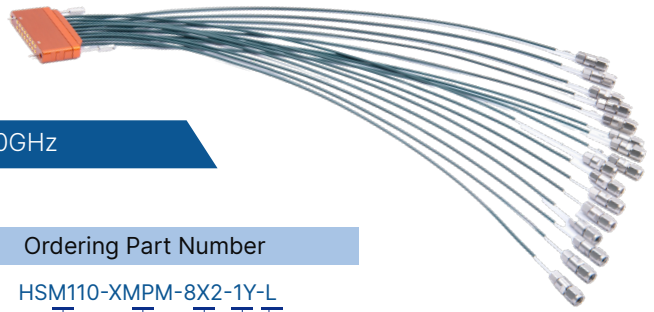
- Signal Integrity Measurement
- SERDES Development
- Differential Signal Measurement
- Physical Layer Measurement
- Jitter Measurement
- Automated Test Equipment

Mechanical & Environmental

Channels 16 (Double Row)
Pitch 3mm
Temperature -55°C~+85°C

Electrical

Frequency Range DC-110GHz
Impedance 50Ω
Insertion Loss <15*L(M)+1.0 dB @DC-110GHz
Return Loss >12.2 dB@ DC-110GHz
Delay Match ±1 ps
Amplitude Imbalance ±0.4dB@DC-110GHz

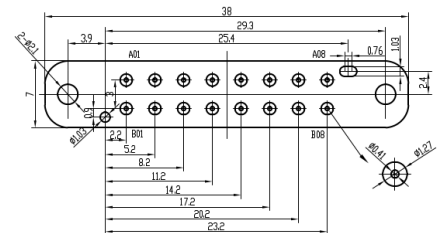
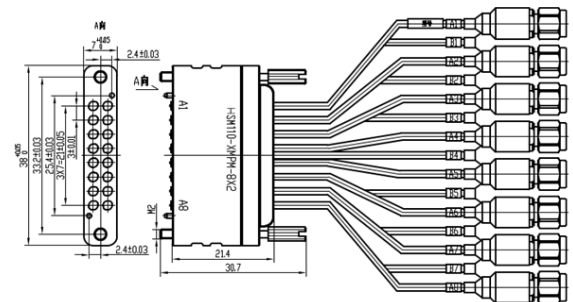


Ordering Part Number

HSM110-XMPM-8X2-1Y-L

Length (in meter)
End 2 Connector Code
Channel & Row Number
End 1 Contact Type
Transmission Type Frequency

Outline Drawing



PCB Foot-Print Layout

Sample Test Plots (Length of 0.3m)

