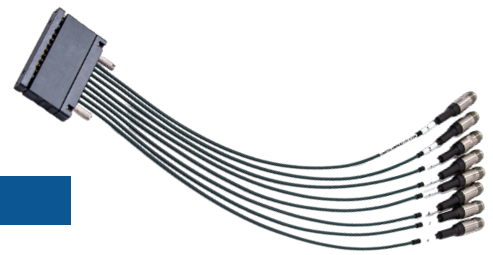


HSM90-XMPM-8X1-1Z-L

High Speed Multi-Coaxial Cable Assemblies DC~90GHz



Configurations

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

Features & Advantages

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

Application

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

Mechanical & Environmental

Channels 8 (Single Row)
Pitch 2.54mm
Temperature -55°C~+85°C

Electrical

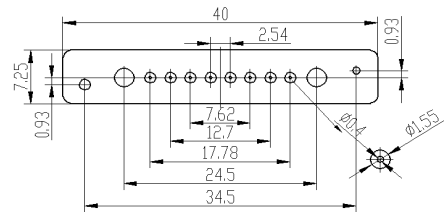
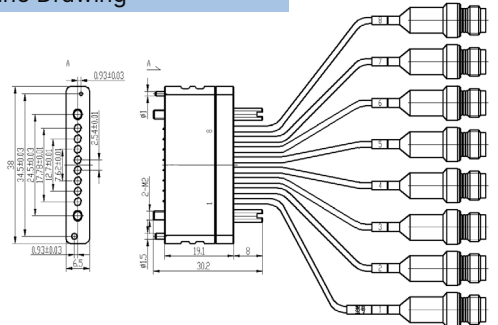
Frequency Range DC-90GHz
Impedance 50Ω
Insertion Loss <13*L(M)+0.9 dB @DC-90GHz
Return Loss >13 dB@90GHz
Delay Match ±1 ps
Amplitude Imbalance ±0.4dB@DC-90GHz

Ordering Part Number

HSM90-XMPM-8X1-1Z-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)

