

HSM110R-SMPS-8X1-1Y-L

High Speed Multi-Coaxial Cable Assemblies DC~110GHz

Configurations

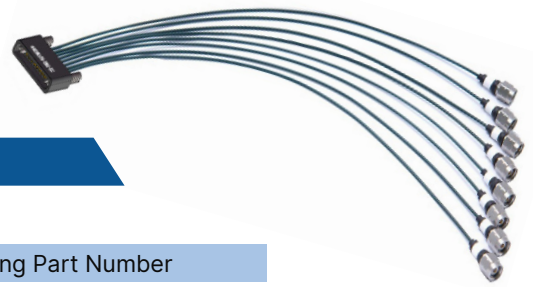
Cable : .047" Low Loss Flexible Cable
End 1 : Coax Contact SMPS Female
End 2 : Connector 1.0mm Male

Features & Advantages

- Spring-Loaded Contact
- Solder-Free Installation
- High-Density, Space-Saving Design
- Individual maintenance and replacement for single channel

Application

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

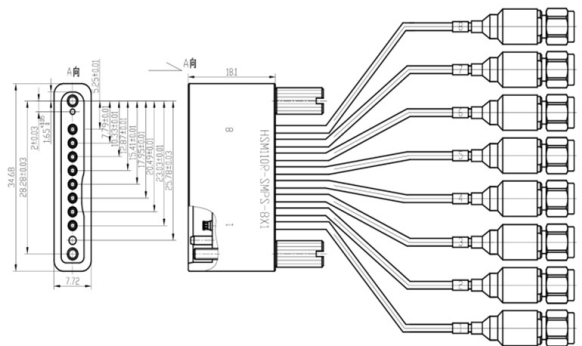


Ordering Part Number

HSM110R-SMPS-8X1-1Y-L

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

Outline Drawing



Mechanical & Environmental

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

Electrical

Frequency Range DC-110GHz
Impedance 50Ω
Insertion Loss <15*L(M)+1.0 dB @ DC-110GHz
Return Loss >20dB@DC-28GHz >14dB@70-90GHz
>18dB@28-56GHz >12.2dB@90-110GHz
>16dB@56-70GHz
Delay Match ±1 ps
Amplitude Imbalance ±0.4dB@DC-110GHz

Sample Test Plots (Length of 0.22m)

