

HSM110R-SMPS-16X1-1Y-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

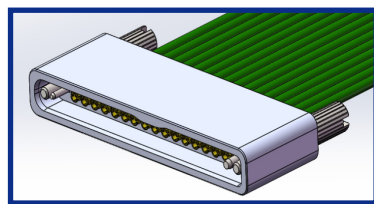
- Signal Integrity Measurement
- SERDES Development
- Differential Signal Measurement
- Physical Layer Measurement
- Jitter Measurement
- Automated Test Equipment

Mechanical & Environmental

Channels 16 (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

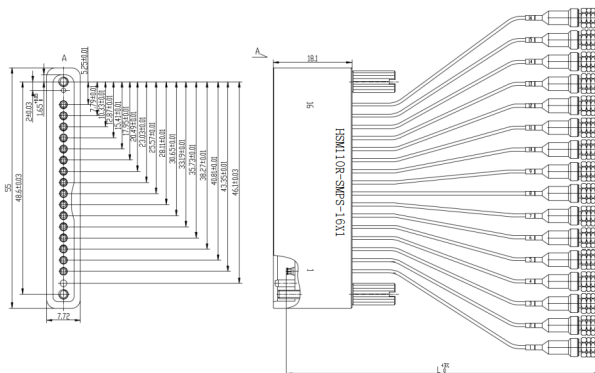


Ordering Part Number

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

Outline Drawing



Sample Test Plots (Length of 0.22m)

