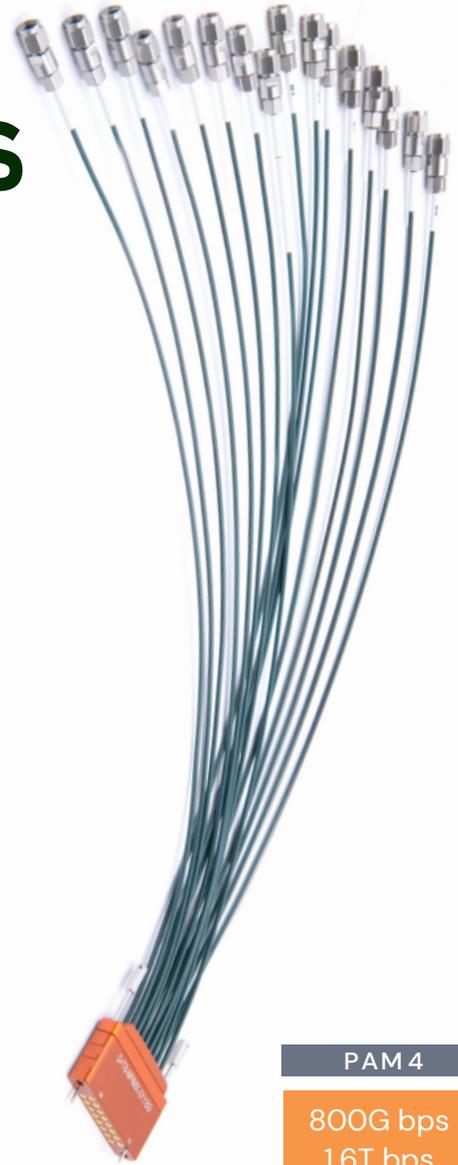


# HSM90 HIGH SPEED MULTI-COAXIAL CABLE ASSEMBLIES

## DC TO 90GHz



### Basic Information

- **Item Name** HSM90 High Speed Multi-Coaxial Cable Assemblies
- **Cable** .047" Low Loss Flexible Cable
- **End 1 Coax Contact** XMPM Male
- **End 2 Connector** 1.0mm Male

### Features

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

### Typical Application

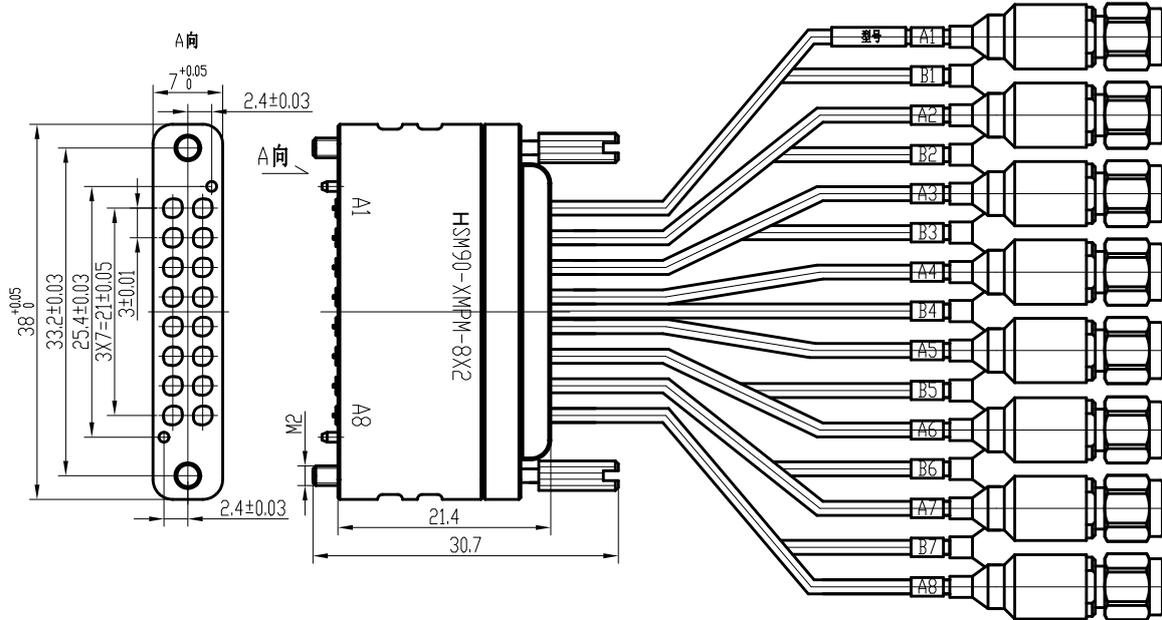
- Signal Integrity Measurement
- SERDES Development
- Differential Signal Measurement
- Physical Layer Measurement
- Jitter Measurement
- Automated Test Equipment

### Specification

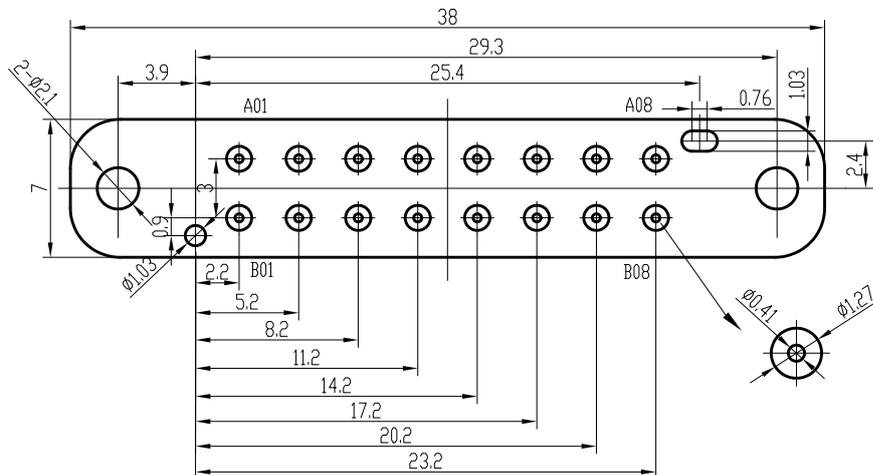
Parameter	Performance
Channels	16 (2 Rows)
Pitch	3mm
Frequency Range	DC - 90 GHz
Insertion Loss	< 9.65*L(M)+0.65 dB @DC-56GHz ; < 13*L(M)+0.9 dB @56-90GHz
VSWR	< 1.35:1 @DC-56GHz ; < 1.50:1 @56-90GHz
Delay Match	+/- 1 ps
Insulation Resistance	>1000 MΩ
Impedance	50Ω
Voltage Standing (V, DC)	>500V
Temperature	-55 C ~ +85 C



## Outline Drawing:

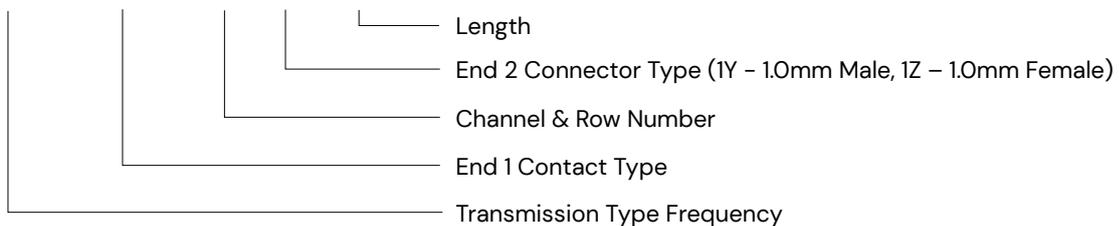


## Recommended Socket Size:



## Part Numbering:

HSM90-XMPM-8X2-1Y-0.3M



# Electrical Specification

