

High Speed & Microwave Interconnect Solutions

Excellent Solutions up to 110 GHz & 145 GHz

224/448 Gbps(PAM x)



High Speed Multicoax Cable

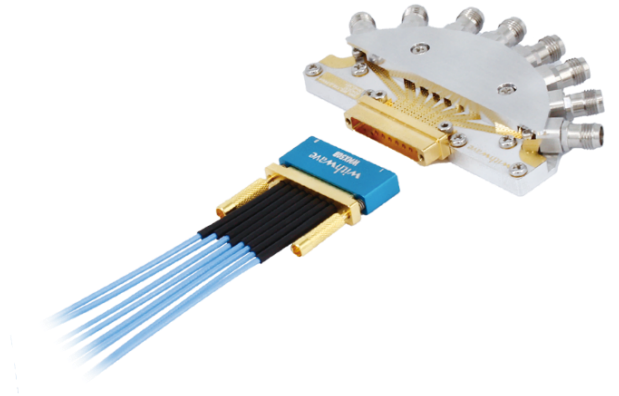
· WMX Series

224 Gbps(PAM4)



Vertical Mount

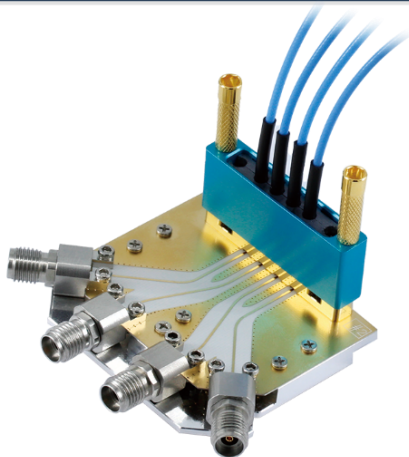
- DC to 20, 40,50, 67 & **110 GHz**
- Socket & Direct Contact type (Solderless)
- 1x8, 2x8 Channel
- Pitch : 2.54 mm & 4.0 mm



Edge Mount

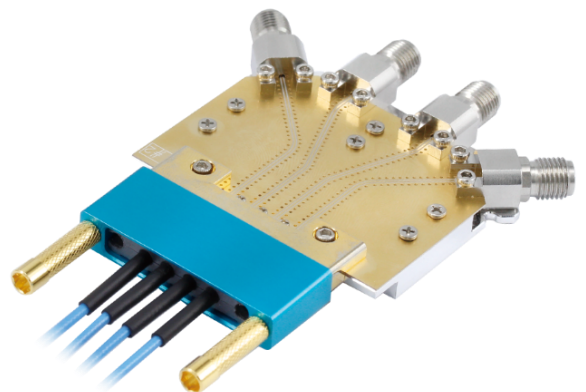
- DC to 20, 40,50 & **67 GHz**
- Board Edge Socket Contact type(Solderless)
- 1x8 Channel
- Pitch : 2.54 mm

· SMPM Series



Vertical Mount

- DC to **40 GHz**
- Solderless SMPM Connector
- 1x4 Channel
- Pitch : 4.0 mm



Edge Mount

- DC to **40 GHz**
- Solderless SMPM Connector
- 1x4 Channel
- Pitch : 4.0 mm

Test & Measurement

Solderless Board Mount Connectors

448 Gbps(PAM x)

Vertical Mount

- DC to 40, 50, 67, 110 & **145 GHz**
- 2.92 mm, 2.4 mm, 1.85 mm, 1.0 mm & 0.8 mm
- Easy Installation & No Soldering required



Edge Mount

- DC to 40, 50, 67, 110 & **145 GHz**
- 2.92 mm, 2.4 mm, 1.85 mm, 1.0 mm & 0.8 mm
- Easy Installation & No Soldering required



Precision Adapters

0.8 mm to 1.0 mm

110 GHz



AD23M00MS1
(M to M)



AD23M00FS1
(M to F)



AD23F00MS1
(F to M)



AD23F00FS1
(F to F)

0.8 mm to 0.8 mm

145 GHz



AD23M23MS1
(M to M)



AD23F23MS1
(F to M)



AD23F23FS1
(F to F)

Low loss Microwave Cable

1.0 mm

110 GHz



W601 (Male)



W601 (Female)



WT110 (Male)



WT110 (Female)

0.8 mm

145 GHz



W602 (Male)



W602 (Female)



WT145 (Male)



WT145 (Female)

Product Lineup

Microwave Connector

- End Launch Type : SMA, 2.92 mm, 2.4 mm, 1.85 mm, 1.0 mm & 0.8 mm (145 GHz)
- Vertical Launch Type : SMA, 2.92 mm, 2.4 mm, 1.85 mm, 1.0 mm & 0.8 mm (145 GHz)
- Panel Mount Type : SMA, 2.92 mm, 2.4 mm
- SMT Type : SMP, SMPM, SMPS (67 GHz)



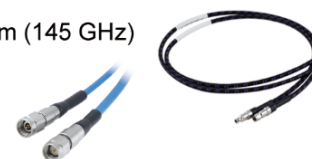
Microwave Adapter

- In Series & Between Series
- Straight Type : SMA, N, 2.92 mm, 3.5 mm, 2.4 mm, 1.85 mm, 1.0 mm, 0.8 mm (145 GHz)
- Right Angle Type : 2.92 mm, 2.4 mm, 1.85 mm



Microwave Cable Assembly

- Ultra Low Loss : SMA, 2.92 mm, 3.5 mm, 2.4 mm
- Flexible & Phase Stable : SMA, N, 2.92 mm, 2.4 mm, 1.85 mm, 1.0 mm, 0.8 mm (145 GHz)
- Semi-Rigid & Semi-Flexible : SMA, N, 2.92 mm, 2.4 mm
- Push on : SMP/SMPM/SMPS to 2.92 mm & 2.4 mm



Microwave Switch Module

- Absorptive Switch Modules (MMIC)
 - SP4T (10, 18, 44 GHz) · SP8T (8 GHz) · SP10T (18, 44 GHz) · SP12T(44 GHz)
- Reflective Switch Modules (MEMS)
 - SP4T (18 GHz) · SP10T (18 GHz) · 4-Port Matrix Switch (20 GHz)



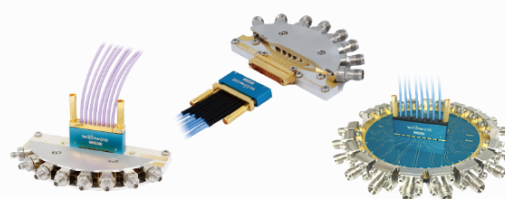
High Speed Connector

- High Speed Board to Board Connectors (0.9 & 1.0 mm pitch) : 56 Gbps NRZ, 112 Gbps PAM-4
- High Speed Micro-Miniature Board to Board Connector: Hermaphroditic Type (50 GHz)
- QSFP28 Connector (0.8 mm pitch) : 28 Gbps



High Speed Cable Assembly

- High Speed Multicoax Cable (WMX Series)
 - Vertical & Edge Mount type - 20, 40, 50, 67, 110 GHz
- High Speed Multicoax Cable (SMPM Series)
 - Vertical & Edge Mount type - 40 GHz



Calibration Kits & Test Probe

- Mechanical Calibration Kits : N-type (8 GHz), 3.5 mm(9 GHz)
- Automatic Calibration Modules : N-type (18 GHz), 3.5 mm(26.5 GHz) in 2-& 4-Ports
- T-Probe (Pogo Type) : GSG, GS type (20 & 40 GHz)
- RF & mmWave Probe Station



Absorber Sheet

- LS Series (< 6 GHz) ▪ MD Series (< 24 GHz) ▪ HS Series (< 40 GHz)
- MT Series (< 18 GHz) ▪ HT Series (< 40 GHz) ▪ MS Series (< 18 GHz)

