

iCBOS-K-Q-OS-SMPM/iCNOS8

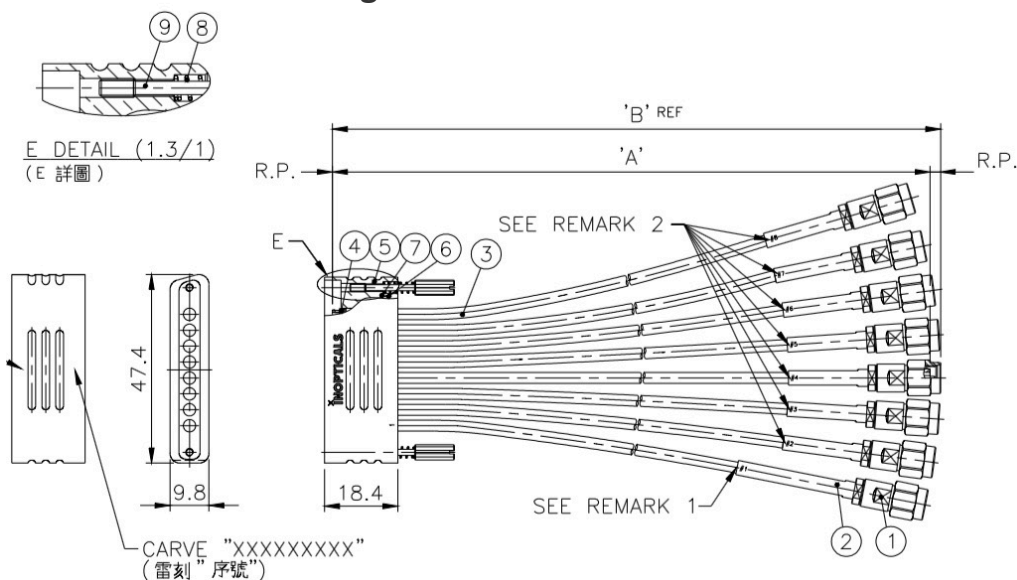
40GHz O-SMPM to K / 50GHz O-SMPM to 2.4mm/

67GHz O-SMPM to 1.85mm O-SMPM Cable

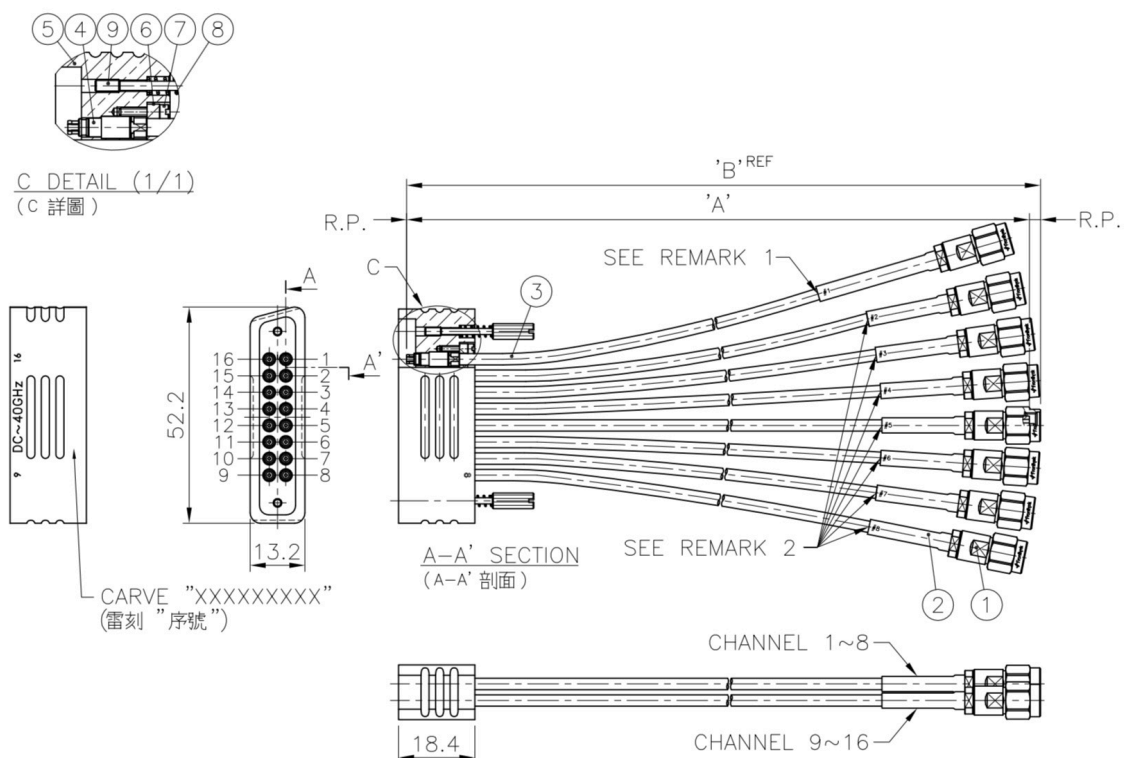
1x8/2x8 O-SMPM SMT PCB Connector

INOPTICALS O-SMPM cable and 1x8 O-SMPM connector guarantees high electrical and mechanical reliability and stability. User can directly engage the connector for quick application. Not only that, user can tightens the bolts of cable with the connector for high stability during long time examination.

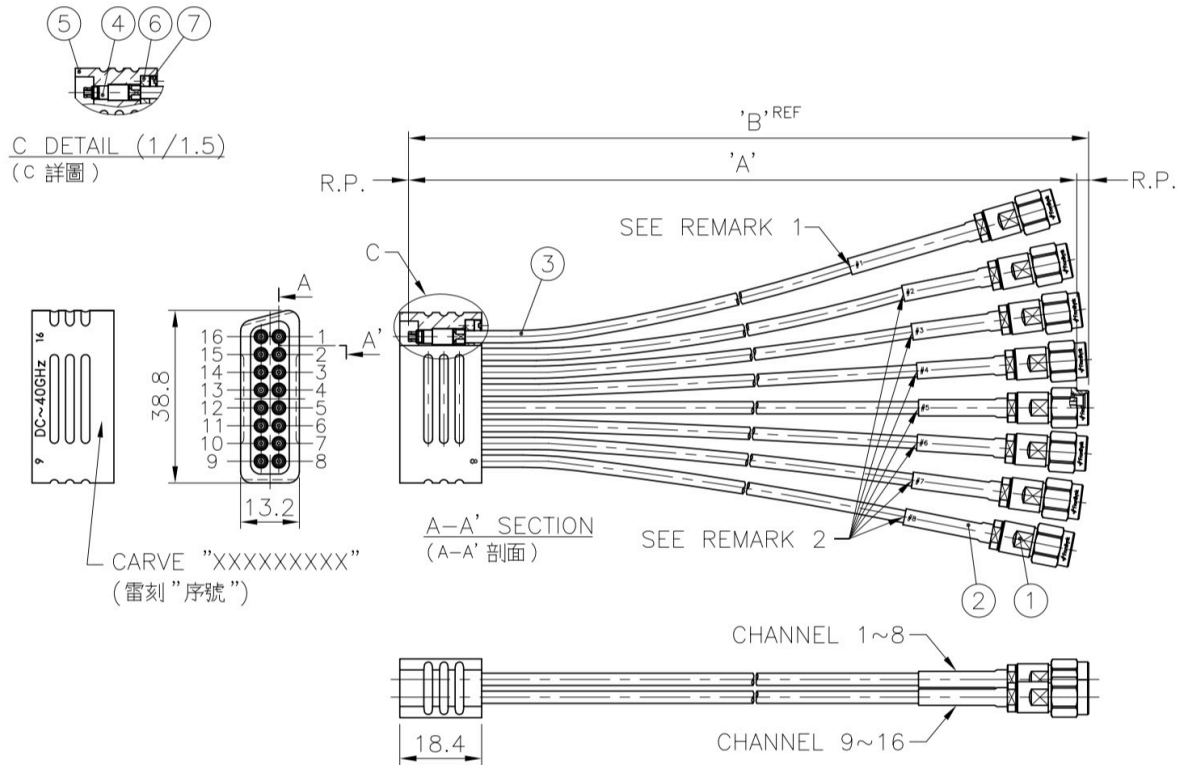
• 1x8 Cable with Screw Drawing



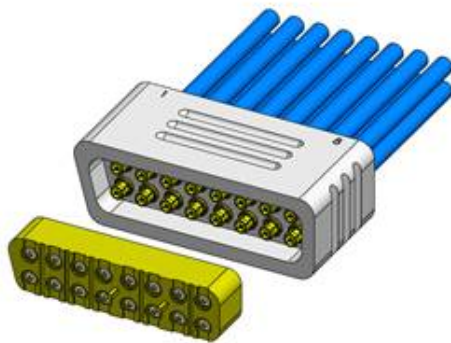
• 2x8 Cable with Screw Drawing



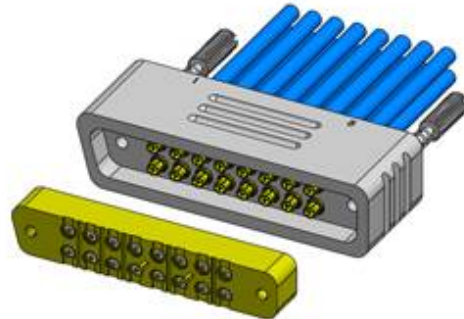
• 1x8 and 2x8 Cable without Screw Drawing



• Cable and Connector matched picture

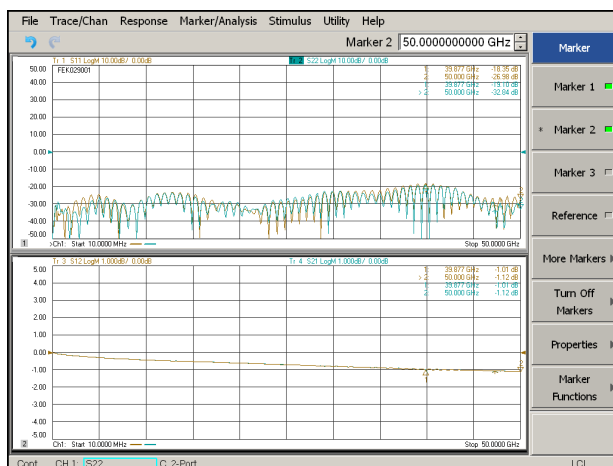


without Screw

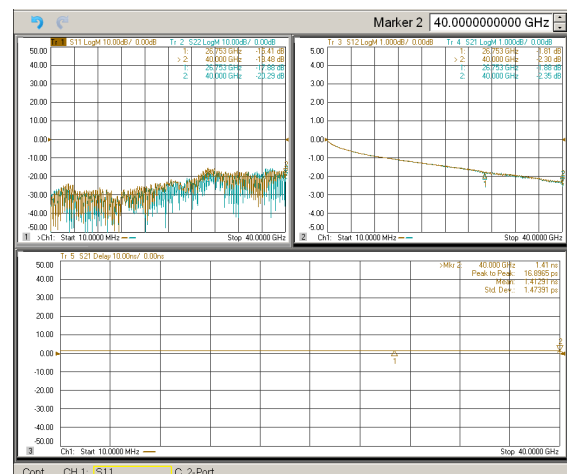


with Screw

• Typical Insertion Loss and Return Loss data



• (2.4mm, 15cm)



• (2.92mm, 30cm)

• Cable Specification - ELECTRICAL(2.92mm/2.4mm)

Item	Condition	Spec
Impedance	0 - 50GHz	50 Ω
Return Loss	0 - 50GHz	-15 dB max
Insertion Loss	40GHz/50GHz	-1.4 dB/1.5dB max
Velocity of Propagation	0 - 50 GHz	77 % (Nominal)

• Cable Specification - ELECTRICAL(1.85mm)

Impedance	0 - 67GHz	50 Ω
Return Loss	0 - 67GHz	-15 dB max
Insertion Loss	67GHz	2.5dB max
Velocity of Propagation	0 - 67 GHz	76 % (Nominal)

• Cable Specification - MECHANICAL

Item	Spec
Nominal Outer Diameter of cable	2.75 mm
Min Bend Radius Static/Single	15 mm
Typical Flex Cycles	10000 Cycles
Temperature Range	-40°C -125°C

• Order Information

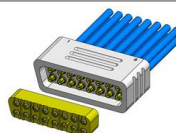
iCBOS-Km-7,15,30,60 iCBOS2-Km-7,15,30,60	40GHz, 1x8 /2x8 O-SMPM to K(male) cable, Return Loss: -15dB 7cm, Loss 1.15dB, 15cm, Loss 1.4dB, 30cm, Loss 2.2dB, 60cm, Loss 3.7dB, (Max)
iCBOS-Qm-7,15,30,60 iCBOS2-Qm-7,15,30,60	50GHz, 1x8/2x8 O-SMPM to 2.4mm(male) cable, Return Loss: -15dB 7cm, Loss 1.2dB, 15cm, Loss 1.5dB, 30cm, Loss 2.4dB, 60cm, Loss 4.2dB, (Max)
iCBOS-SMPM-7,15,30,60 iCBOS2-SMPM-7,15,30,60	50GHz, 1x8/2x8 O-SMPM to SMPM cable, Return Loss: -15dB 7cm, Loss 1.2dB, 15cm Loss 1.6dB, 30cm, Loss 2.4dB, 60cm, Loss 4.2dB, (Max)
iCBOS-OS-7,15,30,60 iCBOS2-OS2-7,15,30,60	50GHz, 1x8/2x8 O-SMPM to O-SMPM cable, Return Loss: -15dB 7cm, Loss 1.2dB, 15cm Loss 1.6dB, 30cm, Loss 2.4dB, 60cm, Loss 4.2dB, (Max)

Above model is for Cables with "Screw"

Without Screw version is "OSA"

ex: iCBOS2A-Km-7

40GHz, 2x8 O-SMPM typeA to K(male) cable



Special Connector Type is available, Please contact your sales

• 2x8 Connector Specification

ELECTRICAL

Item	Condition	Spec
Impedance	0 - 40 GHz	50 Ω
Return Loss	0 - 40 GHz	-18 dB max
Insertion Loss	0 - 40 GHz	-0.2 dB max
Cross-Talk	0 - 40 GHz	40dB Max.
Force To Engage/Disengage		6~27N
Temperature Range		-55°C -165°C
Durability (Mating)		500 Cycles min.

• Order Information

iCNOS16-B	40GHz, 2x8 O-SMPM connector with Screw
iCNOS16-A	40GHz, 2x8 O-SMPM connector without Screw
iCNOS16-A	40GHz, 2x8 O-SMPM connector without Screw

