



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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40GHZ LOW LOSS RF COAX CABLE ASSEMBLIES WITH 2.92mm (K) STAINLESS STEEL CONNECTORS



40GHz Low Loss Coaxial Cables

Features:

- Strain Relief:** Heavy duty adhesive strain relief
- Center Conductor:** Silver-plated solid copper
- Inner Braid:** Flat Silver plated copper strip
- Outer Braid:** PC (Round Silver-plated copper braid)
- Dielectric:** Low density microporous PTFE (Polytetrafluoroethylene)
- Jacket:** FEP (Fluorinated Ethylene Propylene)
- Cable Outer Dia.:** 0.160 (4.06mm)
- Connectors:** SST, corrosion-resistant 303 stainless steel per ASTM-A582 (Passivated finish per SAE-AMS-2700)
- Center Pin:** GPBC (Gold-plated beryllium copper)
- Jacket Color:** Grey
- Operating Temperature:** -55°C to +85°C (2.92mm (K)) (Available in -55°C to +125°C, HF SMA Only)
- Minimum Bend Radius:** 1.0"

Custom Lengths Available

Mechanical Specifications:

- Connector Corrosion (salt spray):** MIL-STD-202, method 101, test cond. B 5% salt solution.
- Connector Durability:** 500 connections Min.

Electrical Specifications:

- Impedance:** 50 Ohms
- Frequency:** Up to 40GHz
- Insertion Loss:** <0.9 dB/ft at 40GHz
- VSWR:** <1.35 to 40GHz
- Max Oper. Volt:** 500V RMS
- Nominal Capacitance:** 27.0 pF/ft
- Velocity of Propagation:** 76%
- RF Shielding:** < -90 dB
- Attenuation (dB/ft):** 0.08 Max. at 500MHz
*connector loss not included
0.17 Max at 2GHz
0.45 Max at 12GHz
0.57 Max at 18GHz
0.70 Max at 26GHz
0.90 Max at 40GHz



Electrical Test Data Supplied With Each Cable Assembly

2.9mm(K) / 2.9mm(K) [Straight/Straight]

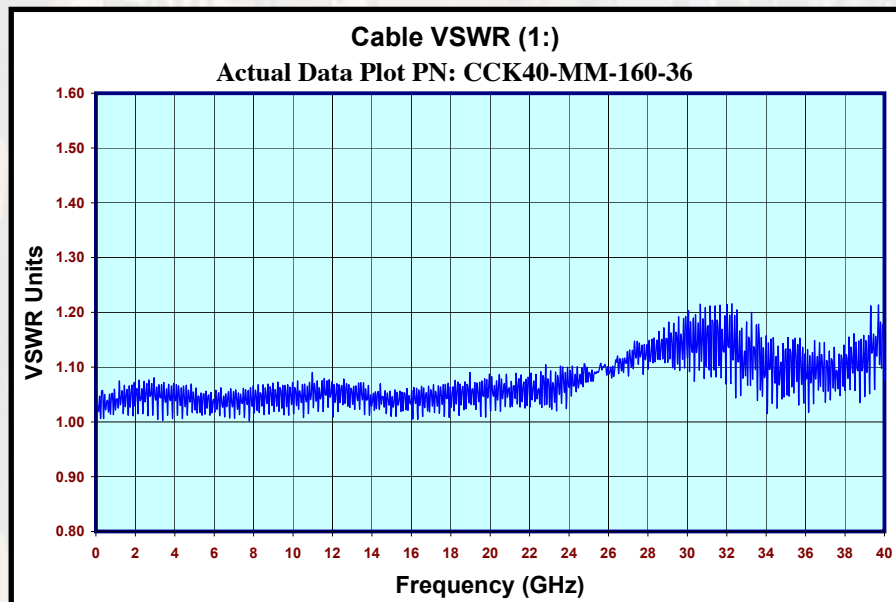
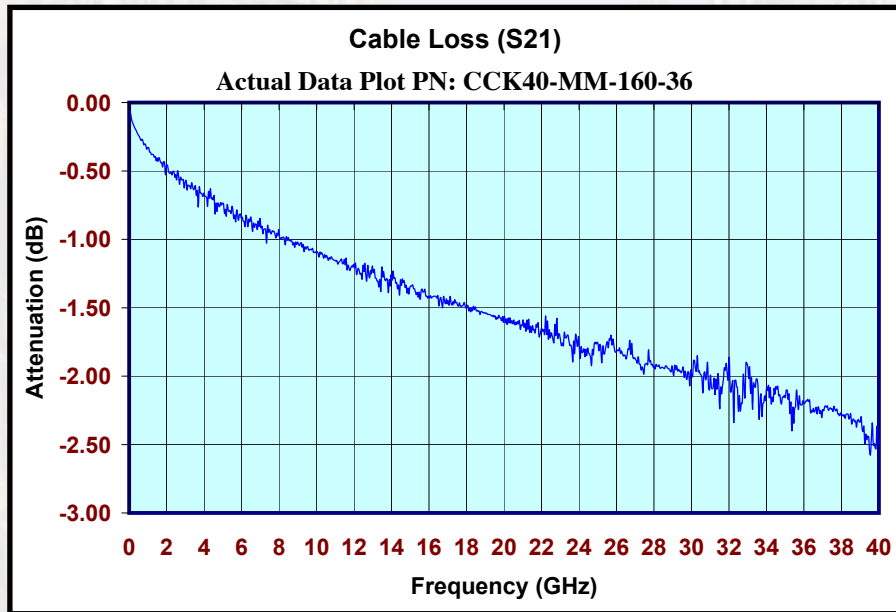
Part Number	Description	Length
CCK40-MM-160-30	40GHz Low Loss Coax Cable, 2.9mm(K) Male/Male, Straight/Straight	30"
CCK40-MM-160-36	40GHz Low Loss Coax Cable, 2.9mm(K) Male/Male, Straight/Straight	36"
CCK40-MM-160-39.4	40GHz Low Loss Coax Cable, 2.9mm(K) Male/Male, Straight/Straight	39.4"
CCK40-MM-160-48	40GHz Low Loss Coax Cable, 2.9mm(K) Male/Male, Straight/Straight	48"





CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

**40GHZ LOW LOSS RF
COAX CABLE ASSEMBLIES
WITH 2.92mm (K)
STAINLESS STEEL
CONNECTORS**



CRYSTEK
CORPORATION

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