



CRYSTEK

MICROWAVE

A DIVISION OF CRYSTEK CORPORATION

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



40 GHz 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 Diameter:** 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:** -40°C to +85°C

Electrical Specifications:

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

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 Minimum



Electrical Test Data Supplied With Each Cable Assembly

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

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



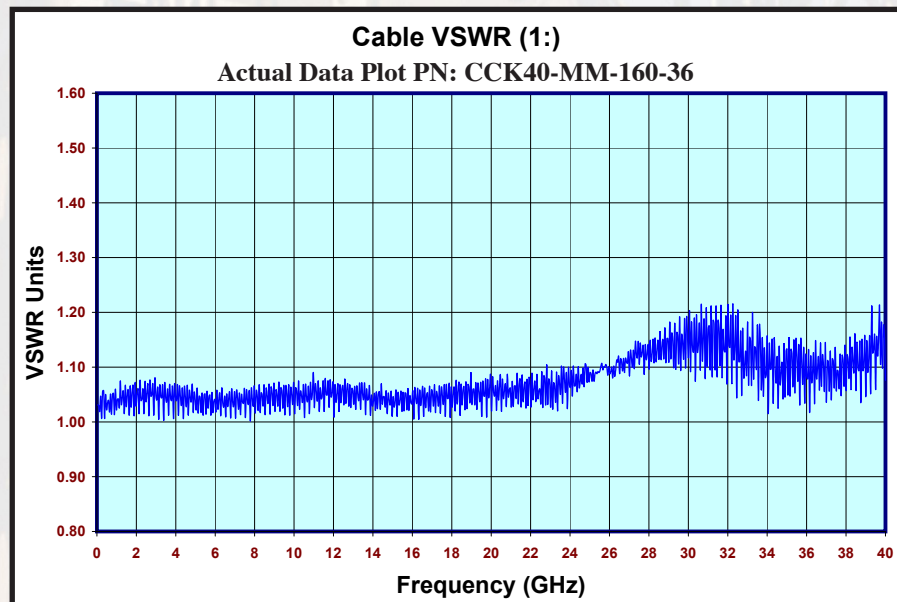
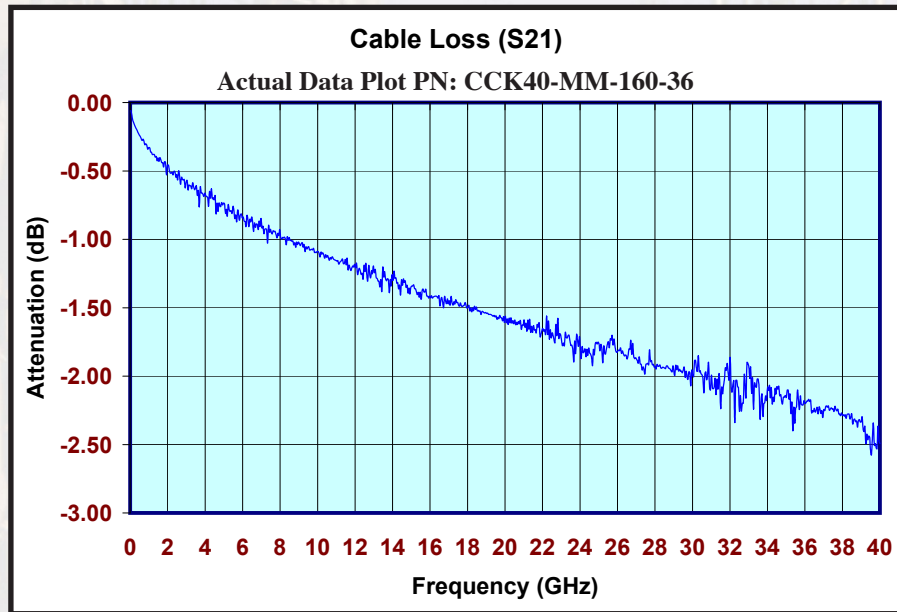
CRYSTEK
CORPORATION

12730 COMMONWEALTH DRIVE • FORT MYERS, FL 33913
 PHONE: 239-561-3311 • 800-237-3061 Rev.: C
 FAX: 239-561-1025 • WWW.CRYSTEK.COM Date: 04-07-14



CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

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



CRYSTEK
CORPORATION

12730 COMMONWEALTH DRIVE • FORT MYERS, FL 33913
PHONE: 239-561-3311 • 800-237-3061 Rev.: C
FAX: 239-561-1025 • WWW.CRYSTEK.COM Date: 04-07-14

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [RF Cable Assemblies](#) category:

Click to view products by [Crystek](#) manufacturer:

Other Similar products are found below :

[573/2](#) [73-6311-6](#) [73-6353-3](#) [73-6364-6](#) [MDB1-9SH001](#) [MDM-15PH003L-K139](#) [MDM-21PH003L-K139](#) [MIQ6-7SH076](#) [R288940005](#)
[RMTB1-6PHY0102](#) [145111-05-12.00](#) [2192](#) [CA-628485-A43](#) [24P104C24J1-012](#) [24P104C24P1-006](#) [24P104C24P1-018](#) [24P203C24P2-006](#)
[24P204C24J1-003](#) [172-2150-EX](#) [1800920920914PJ](#) [FCB-3030-ALT](#) [21117-046](#) [21117-050](#) [PCX-24-50](#) [24P103C24P2-003](#) [25P203C25P2-](#)
[003](#) [R284008001](#) [R285001021](#) [R285426000](#) [R288940003](#) [R288940008](#) [RF179-74BJ3-77RP1-0305](#) [RMTB1-15PHY0102](#) [RMTB1-](#)
[8PHY0102](#) [4814-BB-24](#) [500-181-R-ACC](#) [5260-72](#) [314-120](#) [JR4N1-CL1-6F](#) [JR4R3-CL1-4F](#) [JT2N1-CL1-1F](#) [JT2T1-CL1-6F](#) [4814-K-48](#)
[RN-UFL-SMA6](#) [100E151JW3600X](#) [CCNTN2-MM-LL335-26](#) [73-6310-50](#) [73-6351-25](#) [73-6353-25](#) [73-6361-25](#)