



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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CRYSTEK
MICROWAVE
 A DIVISION OF CRYSTEK CORPORATION

18GHZ LOW LOSS RF COAX CABLE ASSEMBLIES WITH STAINLESS STEEL CONNECTORS



LL335 50 Ohm 18GHz Low Loss Coaxial Cables

Features:

- Strain Relief:** Heavy duty adhesive strain relief with Neoprene jacket
- Center Conductor:** Solid Silver-plated copper
- Inner Braid:** Flat Silver plated copper strip
- Outer Braid:** Round Silver-plated copper braid
- Dielectric:** Expanded PTFE (Polytetrafluoroethylene) tape
- Jacket:** ETFE
- Cable Outer Dia.** 0.293 (7.44mm)
- 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:** -45°C to +125°C
- Minimum Bend Radius:** 1.5"



Custom Lengths Available

Available Connector Terminations:

- SMA Male
- Type N Male
- Type N Bulkhead Female
- Type N Male Right Angle
- TNC Male



Electrical Specifications:

- Impedance:** 50 Ohms
- Frequency:** Up to 18 GHz
- Insertion Loss:** <0.22 dB/ft at 18GHz
- VSWR: (SMA Conn.)** <1.30 to 18GHz
- (N-Type Conn.)** <1.35 to 18GHz
- Nominal Capacitance:** 24 pF/ft
- Velocity of Propagation:** 85%
- RF Shielding:** <-100 dB
- Attenuation (dB/ft):** 0.03 Typ. @ 500MHz
- *connector loss not included** 0.045 Typ. @ 1GHz
- 0.08 Typ. @ 3GHz
- 0.11 Typ. @ 6GHz
- 0.16 Typ. @ 12GHz
- 0.20 Typ. @ 18GHz

Connector Corrosion (salt spray):

MIL-STD-202, method 101, test cond. B 5% salt solution.

Connector Durability:

500 connections Min.

Avg. Power in (Kwatts): 7.90 @ 500MHz

- *Rating of Actual Cable only 5.47 @ 1GHz
- *specified at 25°C/Sea Level 3.00 @ 3GHz
- 2.02 @ 6GHz
- 1.33 @ 12GHz
- 1.04 @ 18GHz

Part Number	Description	Length
CCSMA-MM-LL335-36	LL335 Low Loss Coax Cable, SMA Male/Male, Straight/Straight	36"
CCSMA-MM-LL335-48	LL335 Low Loss Coax Cable, SMA Male/Male, Straight/Straight	48"
CCSMA-MM-LL335-60	LL335 Low Loss Coax Cable, SMA Male/Male, Straight/Straight	60"
CCN-MM-LL335-36	LL335 Low Loss Coax Cable, N-Type Male/Male, Straight/Straight	36"
CCN-MM-LL335-48	LL335 Low Loss Coax Cable, N-Type Male/Male, Straight/Straight	48"
CCN-MM-LL335-60	LL335 Low Loss Coax Cable, N-Type Male/Male, Straight/Straight	60"



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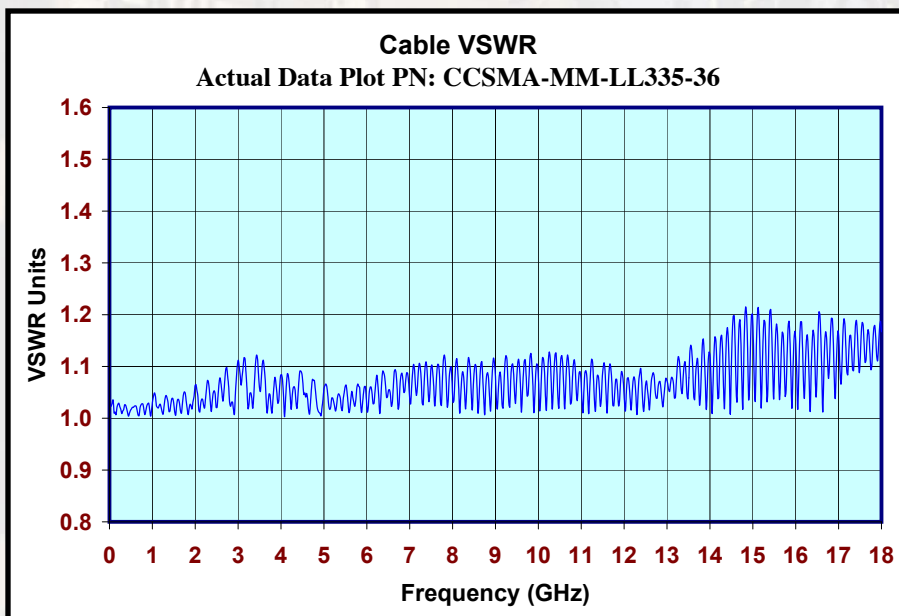
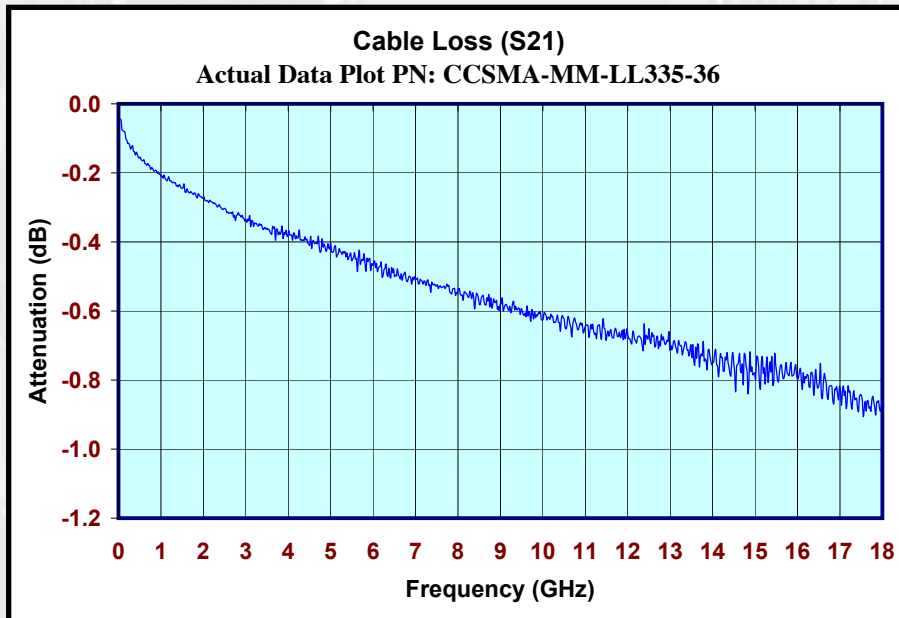
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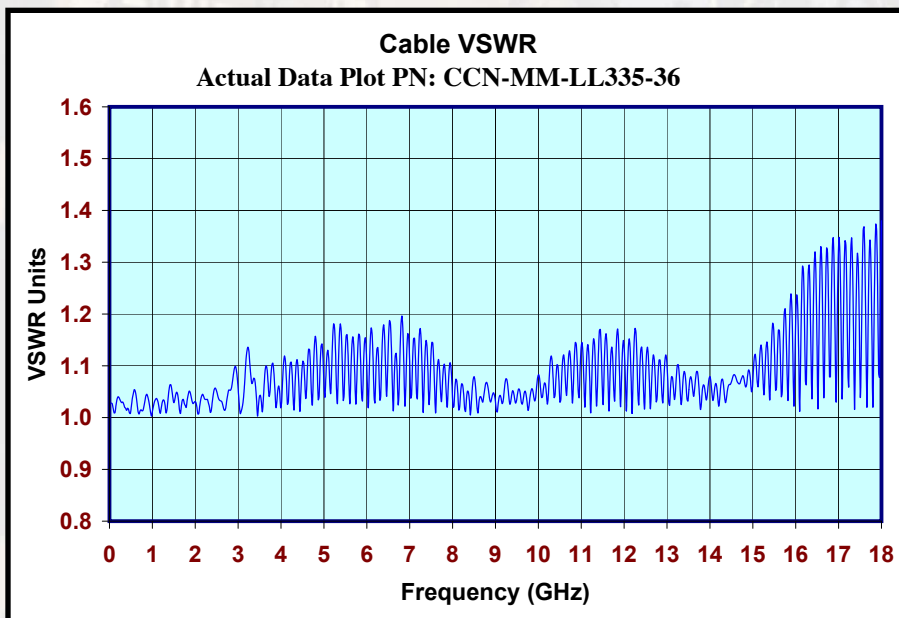
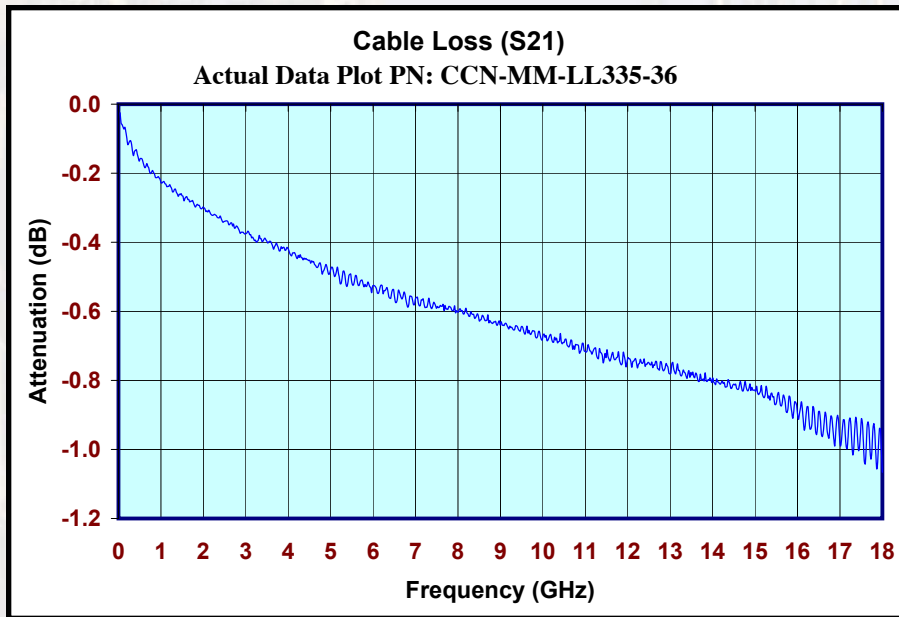
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