



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



Armored 50 Ohm 18GHz Low Loss Coaxial Cables

Features:

- Strain Relief:** Heavy duty adhesive strain relief with Neoprene jacket.
- Center Conductor:** SPCCS (Silver-plated copper clad solid)
- Inner Braid:** Flat Silver plated copper strip
- Outer Braid:** PC (Round Silver-plated copper braid)
- Dielectric:** Expanded PTFE (Polytetrafluoroethylene) tape
- Cable Jacket:** FEP (Fluorinated Ethylene Propylene)
- Connectors:** SST, corrosion-resistant 303 stainless steel per ASTM-A582 (Passivated finish per SAE-AMS-2700)
- Center Pin:** GPBC (Gold-plated beryllium copper)
- Armor Outer Dia.** 0.355 (9.02mm) Max
- Armor:** Type 302 Stainless Steel, Fully Interlocking
- Operating Temperature:** -55°C to +85°C (Also available in -55°C to +125°C)

Minimum Bend Radius: 1.5"

Crush Resistance: Compress OD by 0.003" 1930 lbs. using 3" plate

Custom Lengths Available

Available Connector Terminations:

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

Connector Corrosion (salt spray):

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

Connector Durability:

500 connections Min.

SMA / SMA [Straight/Straight]

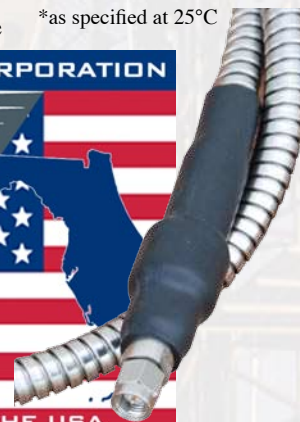
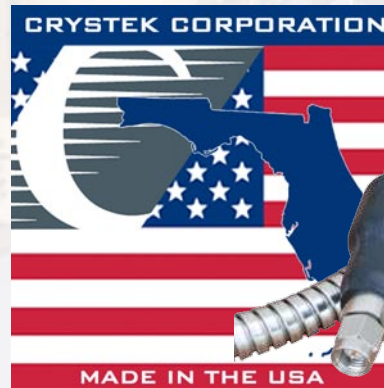
Part Number	Description	Length
CCASMA-MM-LL142-24	Armored LL142 Low Loss Coax Cable, SMA Male/Male	24"
CCASMA-MM-LL142-36	Armored LL142 Low Loss Coax Cable, SMA Male/Male	36"
CCASMA-MM-LL142-48	Armored LL142 Low Loss Coax Cable, SMA Male/Male	48"
CCASMA-MM-LL142-60	Armored LL142 Low Loss Coax Cable, SMA Male/Male	60"

Electrical Specifications:

- Impedance:** 50 Ohms
- Frequency:** Up to 18 GHz
- Insertion Loss:** <0.36 dB/ft Typ. at 18GHz
- VSWR:** <1.3 to 18GHz
- Nominal Capacitance:** 29.4 pF/ft
- Velocity of Propagation:** 70%
- RF Shielding:** < -110 dB
- Attenuation (dB/ft):** 0.05 Typ. at 400MHz
0.08 Typ. at 1GHz
0.11 Typ. at 2GHz
0.14 Typ. at 3GHz
0.18 Typ at 5GHz
0.25 Typ at 10GHz
0.36 Typ at 18GHz

- Max Power in (Watts):** 1200 @ 400MHz
720 @ 1GHz
400 @ 3GHz
310 @ 5GHz
220 @ 10GHz

*as specified at 25°C



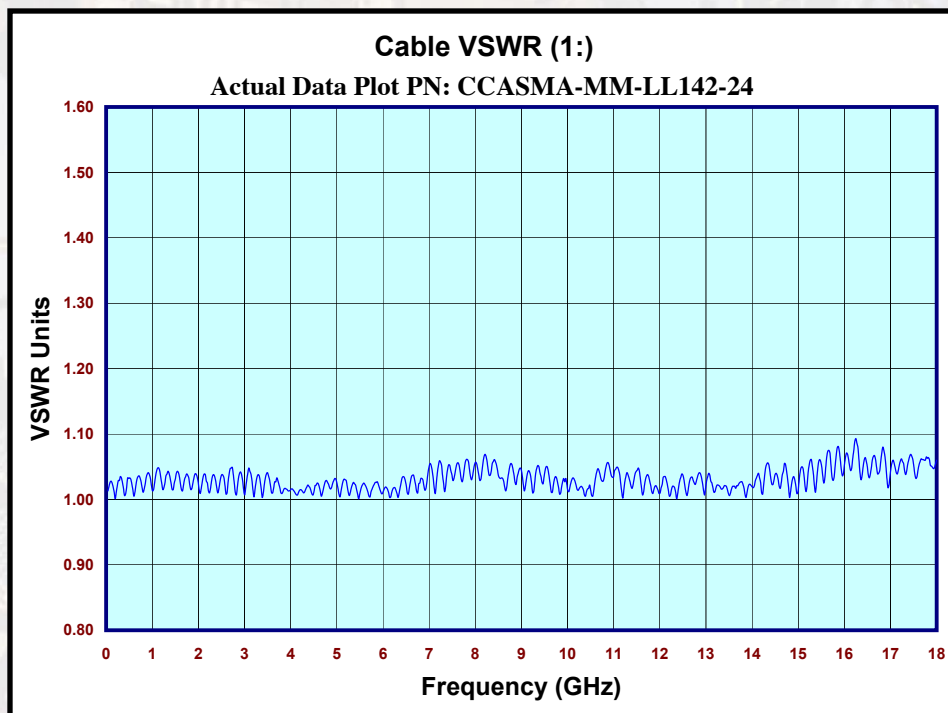
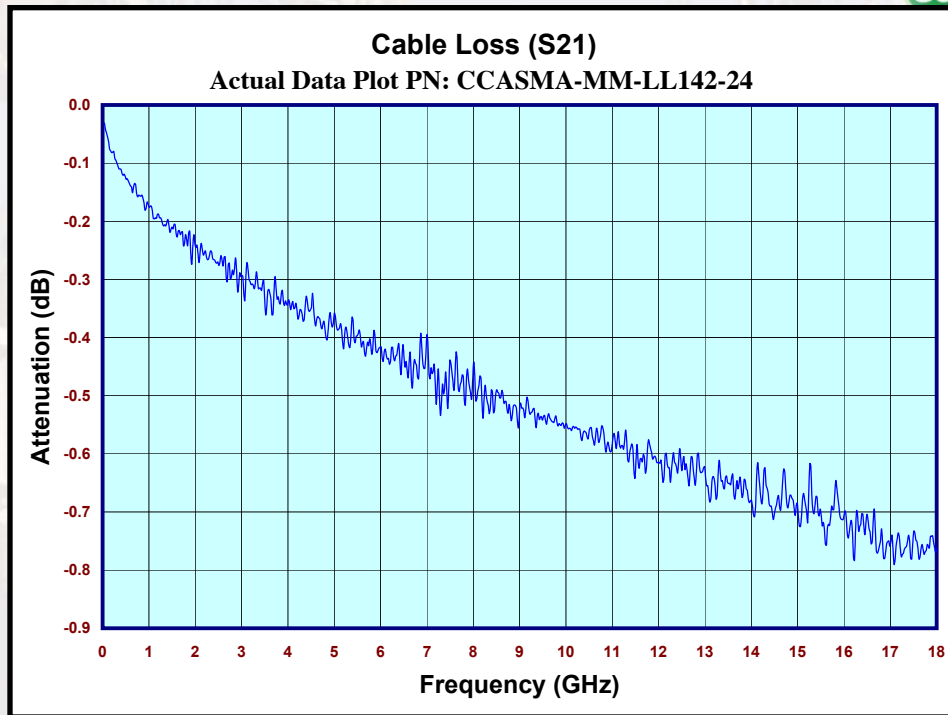
Note** Cable is weather resistance with continuous neoprene jacket cover over armor.





CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

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



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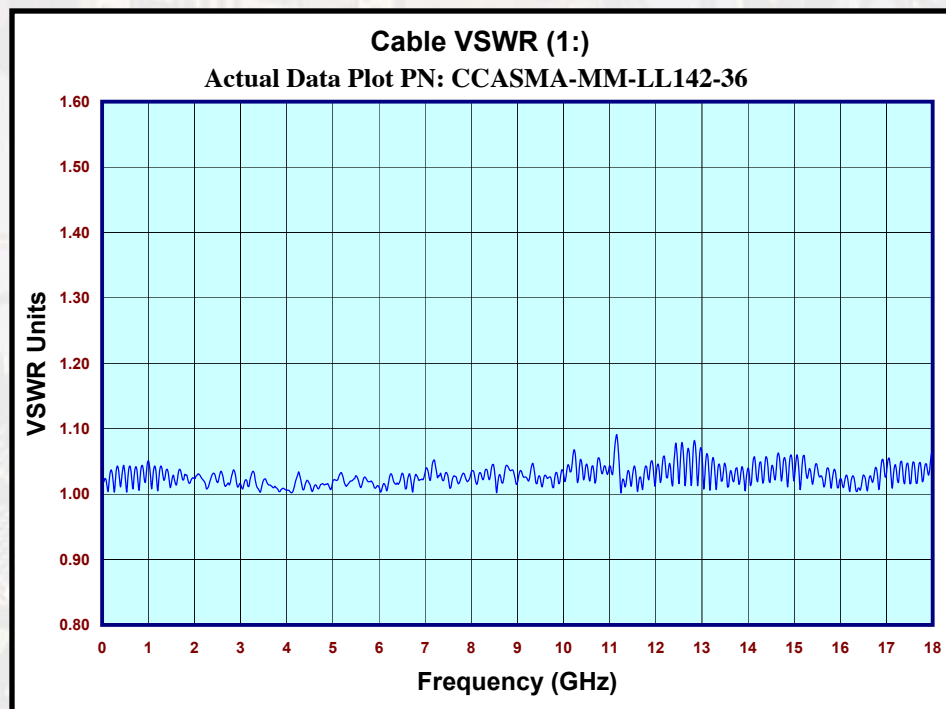
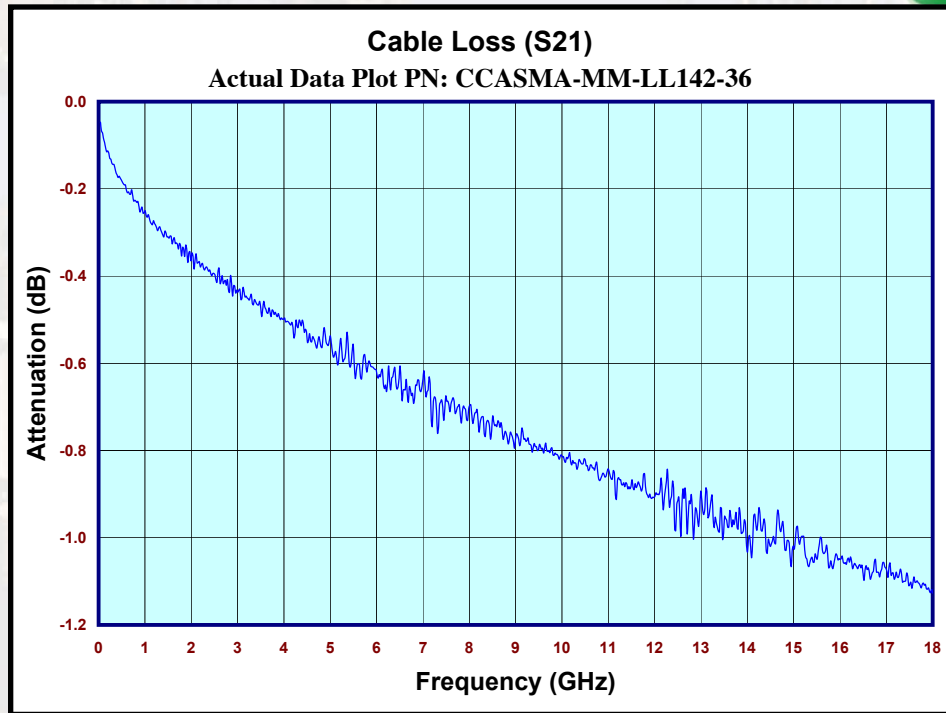
12730 COMMONWEALTH DRIVE • FORT MYERS, FL 33913
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Rev.: A
Date: 08-02-10



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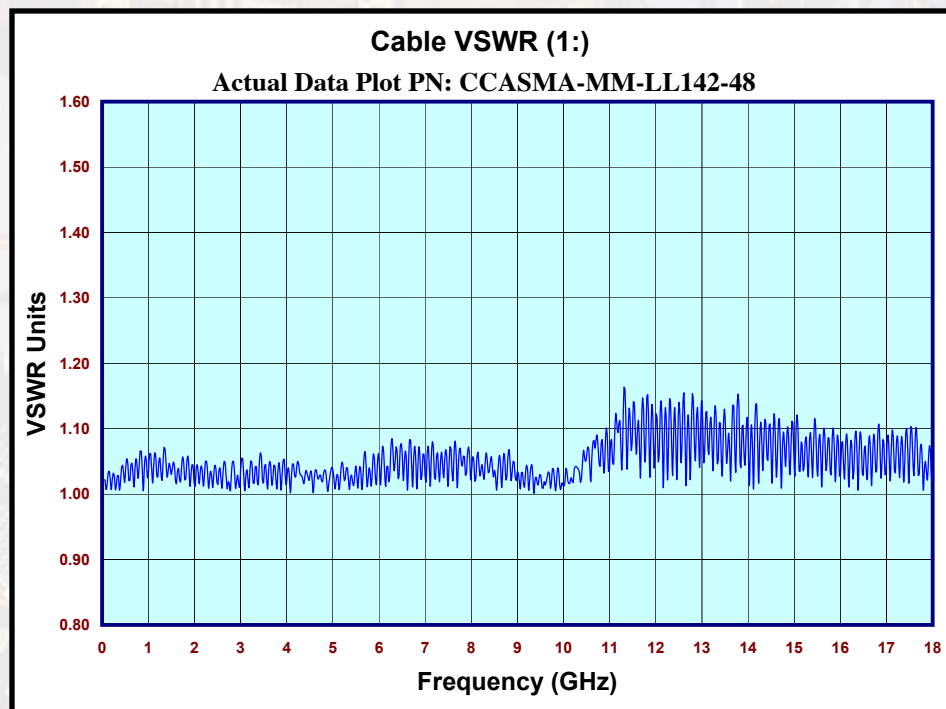
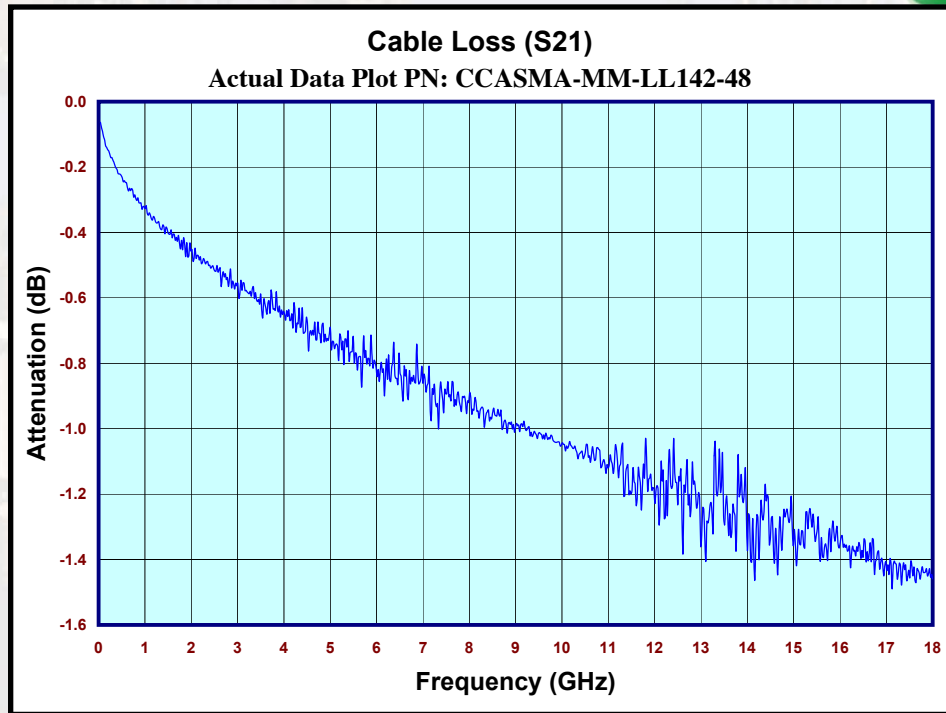
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