



# CRYSTEK

## MICROWAVE

A DIVISION OF CRYSTEK CORPORATION

### RG-316 DOUBLE SHIELDED RF COAX CABLE ASSEMBLIES



- RG316DS 50 Ohm Coaxial Cables**  
 SMA Male Straight / SMA Male Straight  
 SMA Male Straight / SMA Female Bulkhead  
 SMA Male Straight / SMA Male Right Angle  
 SMA Male Right Angle / SMA Male Right Angle  
 SMA Male Straight / BNC Male Straight



Electrical Data:  
 PN: CCSMA-MM-RG316DS-24

Freq. (MHz)	Insertion Loss	VSWR
50	-0.035	1:1.014
500	-0.173	1:1.092
1000	-0.303	1:1.159
2000	-0.468	1:1.358
3000	-0.502	1:1.257
4000	-0.787	1:1.473
5000	-0.822	1:1.288
6000	-1.09	1:1.596
7000	-1.27	1:1.473
8000	-1.42	1:1.579

**Features:**

- Strain Relief:** Adhesive shrink tubing over crimp area
- Center Conductor:** SCCS (Silver-Plated Copper Clad Steel Stranded)
- Shielding:** Double Braid, SPC(2) (Silver-plated copper)
- Insulation:** PTFE (Polytetrafluoroethylene) dielectric
- Jacket:** FEP (Fluorinated Ethylene Propylene)
- Operating Temperature:** -40°C to +85°C
- Minimum Bend Radius:** 0.6"

*Custom Lengths Available  
 (Minimum Order Quantity Required)*

**SMA / SMA [Straight/Straight]**

Part Number	Description	Length
CCSMA-MM-RG316DS-6	RG316 Double Shielded Cable, SMA Male/Male, Straight/Straight	6"
CCSMA-MM-RG316DS-12	RG316 Double Shielded Cable, SMA Male/Male, Straight/Straight	12"
CCSMA-MM-RG316DS-24	RG316 Double Shielded Cable, SMA Male/Male, Straight/Straight	24"
CCSMA-MM-RG316DS-36	RG316 Double Shielded Cable, SMA Male/Male, Straight/Straight	36"
CCSMA-MM-RG316DS-48	RG316 Double Shielded Cable, SMA Male/Male, Straight/Straight	48"

**SMA / SMA [Straight/Right Angle]**

Part Number	Description	Length
CCSMA1-MM-RG316DS-6	RG316 Double Shielded Cable, SMA Male/Male, Straight/RA	6"
CCSMA1-MM-RG316DS-12	RG316 Double Shielded Cable, SMA Male/Male, Straight/RA	12"
CCSMA1-MM-RG316DS-24	RG316 Double Shielded Cable, SMA Male/Male, Straight/RA	24"
CCSMA1-MM-RG316DS-36	RG316 Double Shielded Cable, SMA Male/Male, Straight/RA	36"



**CRYSTEK**  
 CORPORATION

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

Rev.: H  
 Date: 3-01-16





**SMA / SMA [Right Angle/Right Angle]**

Part Number	Description	Length
CCSMA2-MM-RG316DS-6	RG316 Double Shielded Cable, SMA Male/Male, RA/RA	6"
CCSMA2-MM-RG316DS-12	RG316 Double Shielded Cable, SMA Male/Male, RA/RA	12"
CCSMA2-MM-RG316DS-24	RG316 Double Shielded Cable, SMA Male/Male, RA/RA	24"
CCSMA2-MM-RG316DS-36	RG316 Double Shielded Cable, SMA Male/Male, RA/RA	36"

**SMA / SMA [Male Stright/Female Straight]**

Part Number	Description	Length
CCSMA-MFB-RG316DS-12	RG316 Double Shielded Cable, SMA Male/Female, STR/Bulkhead	12"
CCSMA-MFB-RG316DS-24	RG316 Double Shielded Cable, SMA Male/Female, STR/Bulkhead	24"
CCSMA-MFB-RG316DS-36	RG316 Double Shielded Cable, SMA Male/Female, STR/Bulkhead	36"



**SMA / BNC [Straight/Straight]**

Part Number	Description	Length
CCBNS-MM-RG316DS-6	RG316 Double Shielded Cable, SMA Male/BNC Male, Straight	6"
CCBNS-MM-RG316DS-12	RG316 Double Shielded Cable, SMA Male/BNC Male, Straight	12"
CCBNS-MM-RG316DS-24	RG316 Double Shielded Cable, SMA Male/BNC Male, Straight	24"
CCBNS-MM-RG316DS-36	RG316 Double Shielded Cable, SMA Male/BNC Male, Straight	36"



## 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](#) [MIKQ6-7SH076](#) [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](#)