CRYSTEK MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

ELECTRICALLY MATCHED RG-316 DOUBLE SHIELDED RF COAX CABLE ASSEMBLIES

RG316DS 50 Ohm Coaxial Cables
SMA / SMA [Straight/Straight]

RoHS Compliant

Electrically Matched:
Each cable pair is electrically matched at 1 GHz to within 10pSec at +25°C

Features:
Strain Relief: Adhesive shrink tubing over crimp area
Center Conductor: SPC (Silver-plated copper)
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”

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

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

SMA / SMA [Straight/Straight]

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