

RG316-DS

50-Ohm Flexible Coax Cable; 0.114" Diameter, Double Shield, Tan FEP Jacket



PART NUMBER:	RG316-DS
CATAGORY:	FLEXIBLE
DESCRIPTION:	CABLE
IMPEDANCE:	50 OHMS +/-2
DIELECTRIC:	EXTRUDED TEFLON
OVERALL DIAMETER:	0.114"
DIELECTRIC DIAMETER:	0.060"

DIMENSIONS:

CENTER CONDUCTOR:	0.020" DIAMETER (7/0.0067") SPCW
OPERATING TEMPERATURE:	-55 C TO +200 C
WEIGHT PER 1000 FT:	18.5 LBS.
MINIMUM BEND RADUIS:	0.57"
BRAID #1:	38 AWG SILVER PLATED COPPER, 95% COVERAGE, 0.076" OUTSIDE DIAMETER
BRAID #2:	38 AWG SILVER PLATED COPPER, 95% COVERAGE, 0.096" OUTSIDE DIAMETER

ELECTRICAL CHARACTERISTICS:

CAPACITANCE:	32.0 PFARAD/FT
VELOCITY OF PROPAGATION:	69.5% NOM.
TIME DELAY:	1.50 NS MAX.
CUT-OFF FREQUENCY:	65 GHz

MAXIMUM ATTENUATION:	(dB/100ft)
A. 50 MHz:	0.75
B. 500 MHz:	26.0
C. 1 GHz:	40.0
D. 3 GHz:	75.0
E. 10 GHz:	170.0
F. 12.4 GHz:	200.0

MAXIMUM POWER:	
A. 400 MHz:	240
B. 1 GHz:	160
C. 3 GHz:	80
D. 5 GHz:	57
E. 10 GHz:	30