

MII Order #39 (China RoHS):	Yes
Military Specification:	MIL-C-17, M17/113-RG316
RG Type:	316/U

Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)
50

Nom. Inductance:

Inductance (µH/m)
0.219827

Nom. Capacitance Conductor to Shield:

Capacitance (pF/m)
95.149

Nominal Velocity of Propagation:

VP (%)
69.5

Nominal Delay:

Delay (ns/m)
4.85588

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
275.932

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)
21.3265

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100m)
1.000	3.937
10.000	8.859
50.000	18.374
100.000	27.232
200.000	39.372
400.000	57.418
700.000	77.760
900.000	89.571
1000.000	95.149
1500.000	119.757
2000.000	139.443
2400.000	154.863
3000.000	175.862

Max. Operating Voltage - Other:

Voltage	Description
Military Specification	900 V RMS

Minimum Structural Return Loss:

Freq. (MHz)	Min. SRL (dB)
50.000	30.000
100.000	30.000
400.000	23.000
1000.000	21.000
3000.000	17.000

Notes (Overall)

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Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
83284 009100	30 MT	0.499 KG	WHITE	E	M17/113-RG316 COAX
83284 0091000	305 MT	4.990 KG	WHITE	E	M17/113-RG316 COAX
83284 009500	152 MT	2.722 KG	WHITE	E	M17/113-RG316 COAX

Notes:

E = MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 25'

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