

I. DESCRIPTION:

RG-213/U TYPE COAX

II. ELECTRICAL CHARACTERISTICS:

NOM. IMPEDANCE: 50 OHMS
NOM. INDUCTANCE: .077 MICRO-H/FT
NOM. CAPACITANCE
CONDUCTOR TO SHIELD: 30.8 PF/FT
NOM. VELOCITY OF PROPAGATION: 66%
NOM. DELAY: 1.54 NS/FT
ATTENUATION:

NOMINAL

MHZ	DB/100 FT.
1	.27
10	.55
50	1.3
100	1.9
200	2.7
400	4.1
700	6.5
900	7.6
1000	8.0
4000	21.5

NOM. SHIELD DC RESISTANCE
@ 20 DEG C: 1.2 OHMS/1000 FT.
NOM. CONDUCTOR DC RESISTANCE
@ 20 DEG. C: 1.7 OHMS/1000 FT.
MAX. OPERATING VOLTAGE: 3700 V RMS

III. PHYSICAL CHARACTERISTICS:

NOM. WEIGHT/1000 FT.: 100 LBS.
MIN. BENDING RADIUS: 5.0"
TEMPERATURE RATING: -30 TO +80 DEG C
MAX. PULLING TENSION: 184 LBS.
CONDUCTOR MATERIAL & DIA.: 13 AWG (7 X .0296")
STRANDED BARE COPPER,
.089" NOM.
DIELECTRIC MATERIAL & DIA.: SOLID POLYETHYLENE,
.285" NOM.
SHIELD TYPE AND % COVERAGE: BARE COPPER BRAID; 96%
JACKET MATERIAL AND DIA.: PVC (BLACK), .405" NOM.