

03-09-00 REV. 1

YQ41469

I. Description:

RG-59/U Type Plenum Video Triaxial Cable.

II. Electrical Characteristics:

Nom. Impedance:	75 Ohms
Nom. Inductance:	.097 Micro-H/ft
Nom. Capacitance Conductor to Shield:	17.3 pf/ft
Nom. Velocity of Propagation	78 %
Nom. Delay:	1.3 ns/ft
Nom. Conductor DC Resistance @ 20 Deg C:	10.0 Ohms/1000 ft.
Nom. Shield DC Resistance @ 20 Deg. C:	Inner 2.9 Ohms/1000 ft. Outer 2.6 Ohms/1000 ft.
Max. Operating Voltage:	300 VRMS (UL)

Nom. Attenuation:

<u>MHz</u>	<u>dB/100 ft.</u>	<u>MHz</u>	<u>dB/100 ft.</u>
1	.4	100	2.6
3	.5	200	3.8
5	.6	400	5.6
7	.7	700	7.6
10	.8	900	8.8
50	1.9	1000	9.4

III. Physical Characteristics:

Temperature Rating:	- 20 to + 150 Deg. C
Min. Bending Radius:	2.5"
Max. Pulling Tension:	120 lbs.
Nom. Weight/1000 Ft:	52 lbs.
Conductor Material & Diameter:	20 AWG Solid Bare Copper; .032" Nom
Insulation Material & Diameter:	Foam FEP; .140" Nom
Inner Shield Type & Percent Coverage:	Bare Copper Braid; 85%
Inner Jacket Material & Diameter:	Fluorocopolymer; .188" Nom
Outer Shield Type & Percent Coverage:	Bare Copper Braid; 85%
Outer Jacket Material & Diameter:	Fluorocopolymer (Black); .246" Nom
Applicable Specifications:	UL/NEC: CMP C(UL): CMP
Flame Resistance:	UL 910 STD Steiner Tunnel

Use: Suitable For Indoor and Outdoor Applications