

**810**

RG213/U Type 50 Ohm Non-Plenum

RF 50 Ohm Video, Wireless Mic Distribution

Construction & Dimensions

CONSTRUCTION & DIMENSIONS	-
CONDUCTOR PARAMETER	-
• Number of Conductors	1
• AWG Size	12
• Conductor Stranding	7x20
• Conductor Type	Bare copper
• Nominal DCR	1.9 Ohm/1000ft
INSULATION PARAMETER	-
• Insulation Type	Foam Polyethylene
• Insulation Thickness	0.28 in
SHIELDING PARAMETER	-
• Shield Type	100% Aluminum Foil +95% Tinned Copper Braid
ELECTRICAL CHARACTERISTICS	-
• Nominal Impedance	50 Ohm
• Nom. Cap. Between Conductors	25 pF/ft

Overall Construction

OVERALL CONSTRUCTION PARAMETERS	-
Jacket Type	PVC
Jacket Thickness	0.044 in
Nominal Cable O.D.	0.405 in
Plenum	No
NEC UL Rating	CM
RoHS Compliant	Yes
Bend Radius	4.05 in
Cable Weight	105 lbs

Overall Electrical & Optical Characteristics

OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS	-
Nominal Velocity of Propagation (VP)	80 %
UL Flammability	UL1685
Operating Range	-40 to 75 Deg C
UL Voltage Rating	300

Detailed Specification & Technical Data



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Attenuation Performance

FREQUENCY (MHz)	ATTENUATION (db/100ft)
1 MHz	0.2 dB
10 MHz	0.6 dB
50 MHz	1.3 dB
100 MHz	2 dB
200 MHz	2.8 dB
400 MHz	4 dB
900 MHz	6.7 dB
1000 MHz	7.2 dB

Power Rating

FREQUENCY [MHz]	MAX POWER RATING [W]
1 MHz	7,950 W
10 MHz	2,761 W
50 MHz	1,122 W
100 MHz	748 W
200 MHz	494 W
400 MHz	326 W
700 MHz	235 W
900 MHz	205 W
1,000 MHz	194 W
4,000 MHz	110 W

Related Products

RELATED PRODUCTS	-
Plenum Number	25810
BNC Crimp	CN25810KBNC