

Technical Data Sheet
RG8X/U Coaxial 50 Ohm - Flexible



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PART NUMBER:	807
DESCRIPTION:	RG8x/U – 1 Conductor 16AWG (19x29) Bare Copper, 95% Bare copper braid and an overall PVC Jacket.
NEC RATING:	CM
APPROVALS:	UL Listed
APPLICATION:	Indor for : 50 Systems

Construction Parameters:

Conductor	16 AWG Bare Copper
Stranding	19x29 stranded
Insulation Material	Gas Injected Polyethylene
Insulation Thickness	.155" Nom.
Number of Conductors	1 Center Conductor
Shield	95% Bare Copper Braid
Jacket Material	PVC
Overall Cable Diameter	0.242" Nom.
Approximate Cable Weight	35 Lbs/1M' Nom.
Flame Rating	UL1685

Electrical & Environmental Properties:

		<u>Mhz</u>	<u>db/100ft</u>
Temperature Rating	-40deg C to 80deg C	1	.3
Max.Capacitance Between Conductors @ 1 KHz	25 pf/ft Nom.	10	.9
Velocity of Propagation	82% Nom.	50	2.1
Impedance	50 ohms Nom.	100	3.1
DC Resistance per Conductor @ 20deg C	4.3 Ohms/1M' Nom.	400	6.6
Jacket Color	Black	900	10.7
RoHS Compliant	--		

Mechanical Properties:

Max. Recommended Pull Tension	75 lbs.
Min. Bend Radius (Install)	2.5"

Connectors and Accessories

50 Ohm 3 pc. BNC CN-BM53-8X

Specification Issue Date: 3/10

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Standard Lengths are 1000ft.
 The Jacket is sequentially footmarked.
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