

Technical Data Sheet
RG8/U Coaxial 50 Ohm - Flexible



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PART NUMBER:	808F
DESCRIPTION:	RG8/U – 1 Conductor 10AWG (19x33) Bare Copper, 100% Foil + 90% Tinned copper braid and an overall Polyurethane Jacket.
NEC RATING:	--
APPROVALS:	--
APPLICATION:	50 Systems

Construction Parameters:

Conductor	10 AWG Bare Copper
Stranding	19x33 stranded
Insulation Material	Gas Injected Polyethylene
Insulation Thickness	.285" Nom.
Number of Conductors	1 Center Conductor
Shield	100% Bonded Bi-Foil + 90% Tinned Copper Braid
Jacket Material	Polyurethane
Overall Cable Diameter	0.405" Nom.
Approximate Cable Weight	87 Lbs/1M' Nom.
Flame Rating	--

Electrical & Environmental Properties:

		<u>Mhz</u>	<u>db/100ft</u>
Temperature Rating	-20deg C to 60deg C	1	.2
Max.Capacitance Between Conductors @ 1 KHz	24.5 pf/ft Nom.	10	.6
Velocity of Propagation	84% Nom.	50	1.1
Impedance	50 ohms Nom.	100	1.5
DC Resistance per Conductor @ 20deg C	1.15 Ohms/1M' Nom.	400	2.9
Jacket Color	Black	900	4.5
RoHS Compliant	--		

Mechanical Properties:

Max. Recommended Pull Tension	150 lbs.
Min. Bend Radius (Install)	4.0"

Connectors and Accessories

50 Ohm 3 pc. BNC CN-BM53-808

Specification Issue Date: 3/10

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