

1808A Coax - High Flex RGB & SVHS Cable

	<p style="text-align: center;">For more information please call 1-800-Belden1</p> <p style="text-align: center;"><u>See Put-ups and Colors</u></p>
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Description:

30 AWG stranded (7x38) .012" tinned copper conductors, foam HDPE insulation, tinned copper serve shields (90% shield coverage), inner PVC jackets, overall PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Coax	2
Total Number of Conductors	2
AWG	30
Stranding	7x38
Conductor Diameter	0.33 mm
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material	FHDPE - Foam High Density Polyethylene
Insulation Diameter	1.473 mm

INNER SHIELD:

Inner Shield Type	Spiral Serve
Inner Shield Material	TC - Tinned Copper
Inner Shield %Coverage	90 %

INNER JACKET:

Inner Jacket Material	PVC - Polyvinyl Chloride
Inner Jacket Diameter	2.54 mm

Inner Jacket Color Code Chart :

Number	Color
1	Black
2	Yellow

INNER JACKET SEPARATOR:

Inner Jacket Separator Material	Paper Tape
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OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
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OVERALL NOMINAL DIAMETER:



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Overall Nominal Diameter	6.477 mm
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-40°C To +60°C
Bulk Cable Weight	47.622 Kg/Km
Max. Recommended Pulling Tension	52.044 N
Min. Bend Radius (Install)	2.54 cm

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

AWM Specification	UL Style 1354
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PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	75 Ohms
Nom. Inductance	0.318 µH/m
Nom. Capacitance Conductor to Shield	56.761 pF/m
Nominal Velocity of Propagation	78 %
Nom. Conductor DC Resistance @ 20 Deg. C	328.1 Ohms/km
Nom. Inner Shield DC Resistance:	24.608 Ohms/km

Nom. Attenuation :

Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Nom. Attenuation (dB/100m)
	1			1.969
	5			4.593
	10			6.89
	30			12.468
	50			16.733
	100			24.936
	200			37.075
	400			55.449
	700			76.447
	900			88.259
	1000			93.837

PUT-UPS AND COLORS:

Item	Description	Put-Up (M)	Ship Weight (kgs.)	Jacket Color	Notes
1808A B591000	2 #30 FHDPE SRV PVC PVC	304.8	14.982	BLACK, MATTE	C
1808A B59500	2 #30 FHDPE SRV PVC PVC	152.4	7.491	BLACK, MATTE	
1808A B59U1000	2 #30 FHDPE SRV PVC PVC	U304.8	14.528	BLACK, MATTE	



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1808A B59U500	2 #30 FHDPE SRV PVC PVC	U152.4	7.264	BLACK, MATTE	
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C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 02-12-2004

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