



**1281S3 Coax - Banana Peel® Unjacketed Bundles Mini Hi-Res Component Video**

Number	Color
1	Red
2	Green
3	Blue

**OVERALL CABLING:**

Overall Cabling Fillers	Bonded Spline
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**OUTER SHIELD:**

Outer Shield Material	Unshielded
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**OUTER JACKET:**

Outer Jacket Material	Unjacketed
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**OVERALL NOMINAL DIAMETER:**

Overall Nominal Diameter	.246 in.
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**MECHANICAL CHARACTERISTICS:**

Operating Temperature Range	-40°C To +75°C
UL Temperature Rating	60°C
Non-UL Temperature Rating	75°C
Bulk Cable Weight	44 lbs/1000 ft.
Max. Recommended Pulling Tension	90 lbs.
Min. Bend Radius (Each Coax)	1.1 in.
Min. Bend Radius (Overall)	2.5 in.

**APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:**

**APPLICABLE STANDARDS:**

NEC/(UL) Specification	CMR
CEC/C(UL) Specification	CMG
EU CE Mark (Y/N)	No
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	02/24/2005

**FLAME TEST:**

UL Flame Test	UL1666 Vertical Shaft
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**SWEEP TEST:**

Sweep Testing	5 - 850 MHz
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**SUITABILITY:**

Suitability - Indoor	Yes - Risers
Suggested Connectors	ADC - BNC-16; KINGS - 2065-25-9; TROMPETER - 105-2053-0; BELDEN 1B25A (BNC); BELDEN 1R25A (RCA)

**PLENUM/NON-PLENUM:**

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Plenum (Y/N)	N
Plenum Number	1282S3, 1277P

### ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	75 Ohms
Nom. Inductance	.087 $\mu$ H/ft
Nom. Capacitance Conductor to Shield	17.0 pF/ft
Nominal Velocity of Propagation	80 %
Nominal Delay	1.24 ns/ft
Nom. Conductor DC Resistance @ 20 Deg. C	34 Ohms/1000 ft
Nom. Inner Shield DC Resistance	5.4 Ohms/1000 ft

Minimum Return Loss :

Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Minimum Return Loss (dB)
		5	850	20

Nom. Attenuation :

Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Nom. Attenuation (dB/100 ft.)
	1			0.52
	5			1.17
	50			3.7
	100			4.9
	200			6.7
	400			9.5
	750			13.4
	900			15.0
	1000			15.8
	3000			31.2

Max. Operating Voltage - UL	300 V RMS
Max. Operating Voltage - Non-UL	300 V RMS

### PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
1281S3 0001000	3C25 RGB	1000	29	NONE	C
1281S3 000500	3C25 RGB	500	15.5	NONE	C

C = CRATE REEL PUT-UP.

Revision Number: 3      Revision Date: 12-19-2005

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