

# Technical Data Sheet

## MiniMax® SDI Coaxial Cable



2833 West Chestnut Street  
 Washington, PA 15301  
 Toll Free: (800) 245-4964  
 Fax: (724) 222-6420  
 www.westpenn-wpw.com

<b>PART NUMBER:</b>	<b>HD825</b>
<b>DESCRIPTION:</b>	MiniMax – 1 Cond. 25Awg. Solid Bare, 95% Bare Copper Braid and an overall PVC Jacket
<b>NEC RATING:</b>	CMR
<b>APPROVALS:</b>	(UL) C(UL) Listed or c(ETL)us Listed
<b>APPLICATION:</b>	Indoor for: Digital Applications

### Construction Parameters:

Conductor		25 AWG Bare Copper
Stranding		Solid
Insulation Material	Gas	Injected Polyethylene
Insulation Thickness		0.085" Nom.
Shield	95%	Bare Copper Braid
Jacket Material		PVC
Overall Cable Diameter	0.146"	Nom.
Approximate Cable Weight	17	Lbs/1M' Nom.
Flame Rating	UL1666	Vertical Shaft

### Electrical & Environmental Properties:

Temperature Rating	-20°C	To +60°C
Operating Voltage	300	VRMS
Max.Capacitance Between Conductors @ 1 KHz		16.2 pf/ft Nom.
Nom. Velocity of Propogation	82%	
Nom. Impedance	75	Ohms
DC Resistance per Conductor @ 20deg C	30.0	Ohms/1M' Nom.
Jacket Color	Black	,Red,Green,Blue, White,Yellow
RoHS Compliant		Yes

### Nom. Attenuation

MHz	dB/100ft
1	.5
10	1.80
71.5	3.51
135	4.69
360	7.72
540	9.30
720	10.88
1000	13.34
2250	11.19
3000	22.16

### Mechanical Properties:

Max. Recommended Pull Tension	28	lbs
Min. Bend Radius (Install)	1.5"	

### Connectors:

75 ohm 4pc. BNC Type	CN-BM74-18	(Comp. Tool): TL-105	(Stripping Tool): TL-825
Compression BNC Type	CN-CSBNC-25	(Comp. Tool): TL-SNSA	(Stripping Tool): TL-CSST
Compression RCA Type	CN-CSRCA-25	(Comp. Tool): TL-SNSA	(Stripping Tool): TL-CSST
Female BNC Type	CN-BF74-18	(Comp. Tool): TL-105	(Stripping Tool): TL-825

Specification Issue Date: 7/06

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