

Technical Data Sheet

MiniMax® SDI Coaxial Cable



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

Construction Parameters:

Conductor	18 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 Propagation	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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