

Technical Data Sheet

MiniMax Type SDI Coaxial Cable

WEST PENN WIRE

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| | |
|---------------------|--|
| PART NUMBER: | HD825 |
| DESCRIPTION: | MiniMax - 25 AWG Solid- 100% Aluminum Foil + 95% Tinned Copper Braid PVC Jacket |
| NEC RATING: | CMR |
| APPROVALS: | (UL) C(UL) Listed or c(ETL)us Listed |
| APPLICATION: | Indoor for: SDI, Precision Video, CCTV, CATV, Digital Audio |

Individual Construction Parameters:

| | |
|------------------------|---------------------------------------|
| Conductor | 25 AWG Bare Copper |
| Stranding | Solid |
| Insulation Material | Gas Injected Polyethylene |
| Insulation Thickness | .085" Nom. |
| Shield | 100% Al. Foil + 95% Bare Copper Braid |
| Jacket Material | PVC |
| Overall Cable Diameter | 0.146" Nom. |
| Flame Rating | UL 1666 |

Electrical & Environmental Properties:

| | | <u>Mhz</u> | <u>db/100ft</u> |
|--|---------------------|------------|-----------------|
| Temperature Rating | -20deg C to 60deg C | 1 | .48 |
| Max.Capacitance Between Conductors @ 1 KHz | 16.2 pf/ft Nom. | 10 | 1.73 |
| Velocity of Propagation | 82% Nom. | 71.5 | 3.51 |
| Impedance | 75 ohms Nom. | 135 | 4.69 |
| DC Resistance per Conductor @ 20deg C | 30 Ohms/1M' Nom. | 360 | 7.72 |
| Individual Jacket Color | Black | 720 | 10.88 |
| RoHS Compliant | Yes | 1000 | 13.34 |
| | | 2250 | 18.92 |
| | | 3000 | 22.16 |

Connectors and Accessories

| | | | |
|------------------------|-------------|---------------------|---------------------|
| 75 ohm BNC Crimp | CN-BM74-18 | Crimp Tool: TL-105 | Strip Tool: TL-825 |
| Compression BNC 75 ohm | CN-BNCP-825 | Comp. Tool: TL-548G | Strip Tool: TL-CSST |
| Compression RCA | CN-RCP-825 | Comp. Tool: TL-548G | Strip Tool: TL-CSST |

Specification Issue Date: 2/08

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