



HD825

Minature 25AWG HD-SDI Non-Plenum
HD-SDI Digital Video

Construction & Dimensions

CONSTRUCTION & DIMENSIONS	-
CONDUCTOR PARAMETER	-
• Number of Conductors	1
• AWG Size	25
• Conductor Stranding	Solid
• Conductor Type	Bare Copper
• Nominal DCR	30 Ohm/1000ft
INSULATION PARAMETER	-
• Insulation Type	Foam Polyethylene
• Insulation Thickness	0.085 in
SHIELDING PARAMETER	-
• Shield Type	Overall 100% Aluminum Foil
• Shield Type 2	95% Tinned Copper Braid
ELECTRICAL CHARACTERISTICS	-
• Nominal Impedance	75 Ohm
• Nom. Cap. Between Conductors	16.2 pF/ft

Overall Construction

OVERALL CONSTRUCTION PARAMETERS	-
Jacket Type	PVC
Nominal Cable O.D.	0.146 in
Plenum	No
NEC UL Rating	CMR
RoHS Compliant	Yes
Bend Radius	1.46 in
Cable Weight	17 lbs

Overall Electrical & Optical Characteristics

OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS	-
Nominal Velocity of Propagation (VP)	82 %
UL Flammability	UL1666 Vertical Shaft
Operating Range	-20 to 60 Deg C
UL Voltage Rating	300

Detailed Specification & Technical Data



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Attenuation

FREQUENCY (MHz)	ATTENUATION (db/100ft)
1 MHz	0.48 dB
3.6 MHz	0.98 dB
10 MHz	1.73 dB
71.5 MHz	3.51 dB
135 MHz	4.69 dB
270 MHz	6.51 dB
360 MHz	7.72 dB
540 MHz	9.3 dB
720 MHz	10.88 dB
1000 MHz	13.34 dB
2250 MHz	18.92 dB
3000 MHz	22.16 dB

Related Products

RELATED PRODUCTS	-
Plenum Number	HD25825
BNC Crimp	CN-BM74-18
BNC Compression	CN-BNCP-825
RCA Compression	CN-RCP-825