



HD25825

Minature 25AWG HD-SDI 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 FEP
• Insulation Thickness	0.078 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	Flexible Plenum
Nominal Cable O.D.	0.146 in
Plenum	Yes
NEC UL Rating	CMP
RoHS Compliant	Yes
Bend Radius	1.46 in
Cable Weight	18 lbs

Overall Electrical & Optical Characteristics

OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS	-
Nominal Velocity of Propagation (VP)	82 %
UL Flammability	NFPA 262 Plenum
Operating Range	-0 to 60 Deg C
UL Voltage Rating	300



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Attenuation

FREQUENCY (MHz)	ATTENUATION (db/100ft)
1 MHz	0.48 dB
3.6 MHz	0.99 dB
10 MHz	1.75 dB
71.5 MHz	3.54 dB
135 MHz	4.73 dB
270 MHz	6.57 dB
360 MHz	7.79 dB
540 MHz	9.38 dB
720 MHz	10.98 dB
1000 MHz	13.46 dB
2250 MHz	19.28 dB
3000 MHz	22.8 dB

Related Products

RELATED PRODUCTS	-
Non Plenum Number	HD825
BNC Crimp	CN-BM74-18
BNC Compression	CN-BNCP-825
RCA Compression	CN-RCP-825