

Technical Specifications

6450

RG6/U 12Ghz HD-SDI Coaxial CMR

CONSTRUCTION & DIMENSIONS	Coaxial
CONDUCTOR PARAMETER	-
• Number of Conductors	1
• AWG Size	18
• Conductor Stranding	Solid
• Conductor Type	SC - Silver Copper
• Nominal DCR	6.4 Ohm/1000ft
• RG Size	RG6/U
INSULATION PARAMETER	-
• Insulation Type	PE - Polyethylene (Foam)
• Insulation Thickness	0.18
SHIELDING PARAMETER	-
• Shield Type	100% Tape Tri-Laminate (Alum+Poly+Alum)
• Shield Type 2	95% Tinned Copper Braid
ELECTRICAL CHARACTERISTICS	-
• Nominal Impedance	75 Ohm
• Nom. Cap. Between Conductors	15.9pf/ft
• Nom. Vel. Of Prop	85%
OVERALL CONSTRUCTION PARAMETERS	-
Jacket Type	PVC
Nominal Cable O.D.	0.274
Plenum	No
NEC UL Rating	CMR
RoHS Compliant	Yes
Pull Tension	69bs/f
Bend Radius	2.7 Inches
Cable Weight	41 lbs

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OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS	-
UL Flammability	UL1666 Riser
Operating Range	Neg.20 to 75 Deg. C.
UL Voltage Rating	300

Part Numbers	
6450BK1000	Black - 1000ft Put-UP
Plenum Part	256450
BNC Male Connector	CN-BNC6-12G-50

Frequency	Nom. Attenuation (dB/100ft.)
1 Mhz	0.23
5 Mhz	0.51
7 Mhz	0.59
10 Mhz	0.7
25 Mhz	1.04
55 Mhz	1.45
71.5 Mhz	1.62
100 Mhz	1.89
135 Mhz	2.1
180 Mhz	2.44
270 Mhz	2.97
360 Mhz	3.45
540 Mhz	4.3
720 Mhz	5
1000 Mhz	5.9
1500 Mhz	7.3
2000 Mhz	8.5
3000 Mhz	10.6
4500 Mhz	13.2
6000 Mhz	15.5
12000 Mhz	23