

Technical Data Sheet

RG6/U SDI – Digital Cable



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PART NUMBER:	6350
DESCRIPTION:	RG6/U 18 Awg. Bare Copper, 100% Al. Foil + 95% Tinned Copper Braid and an overall PVC Jacket
NEC RATING:	CMR
APPROVALS:	(UL) C(UL) Listed or c(ETL)us Listed
APPLICATION:	Indoor for: Digital Video Applications

Construction Parameters:

Conductor	18 AWG Bare Copper
Stranding	Solid .040"
Insulation Material	Gas Injected Polyethylene
Insulation Thickness	.180" Nom.
Shield	100% Aluminum Foil + 95% Tinned Copper Braid
Jacket Material	PVC
Overall Cable Diameter	.275" Nom.
Approximate Cable Weight	41 Lbs/1M' Nom.
Flame Rating	UL1666 Vertical Shaft
Plenum Version Part Number	256350

Electrical & Environmental Properties:

Temperature Rating	-20°C To +75°C
Operating Voltage	300 VRMS
Max.Capacitance Between Conductors @ 1 KHz	16.2 pf/ft Nom.
Nom. Velocity of Propagation	83%
Nom. Impedance	75 Ohms
DC Resistance per Conductor @ 20deg C	6.4 Ohms/1M' Nom.
Jacket Color	Black, White, Yellow, Red Green, Blue
RoHS Compliant	Y
100% Sweep Tested	

Nom. Attenuation

MHz	dB/100ft
1	.23
10	.50
71.5	1.47
180	2.40
270	2.85
360	3.22
720	4.65
1000	5.52
1500	7.06
2250	8.75
3000	10.45

Mechanical Properties:

Max. Recommended Pull Tension	69 lbs
Min. Bend Radius (Install)	2.8"

Connectors:

BNC Type Connector	CN-BM73-5	(Crimp Tool): TL-104	(Stripping Tool): TL-121
Compression BNC Type	CN-BNCSNS-5	(Comp. Tool): TL-SNSA	(Stripping Tool): TL-CSST
Compression RCA Type	CN-CSRCA-6	(Comp. Tool): TL-SNSA	(Stripping Tool): TL-CSST

Specification Issue Date: 3/07

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