

Technical Data Sheet

RG6/U CCTV Coaxial Cable - Outdoor

WEST PENN WIRE



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PART NUMBER:	6325
DESCRIPTION:	RG6/U 18 Awg. Bare Copper, 95% Bare Copper Braid , Water-blocking Gel and a sunlight resistant Polyethylene Jacket
NEC RATING:	Outdoor
APPROVALS:	--
APPLICATION:	Outdoor for: Security Cable- CCTV

Construction Parameters:

Conductor	18 AWG Bare Copper
Stranding	Solid
Insulation Material	Gas Injected Polyethylene
Insulation Thickness	.180" Nom.
Shield	95% Bare Copper Braid
Water-blocking Gel	Water Resistant Gel
Jacket Material	Polyethylene
Overall Cable Diameter	0.270" Nom.
Approximate Cable Weight	39 Lbs/1M' Nom.
Flame Rating	--

Electrical & Environmental Properties:

Temperature Rating	-20°C To +60°C
Operating Voltage	300 VRMS
Max.Capacitance Between Conductors @ 1 KHz	16.2 pf/ft Nom.
Nom. Velocity of Propogation	82%
Nom. Impedance	75 Ohms
DC Resistance per Conductor @ 20deg C	6.5 Ohms/1M' Nom.
Jacket Color	Black
RoHS Compliant	--

Nom. Attenuation

MHz	dB/100ft
1	.24
10	.52
50	1.18
100	1.83
400	3.95
700	5.38
1000	6.45

Mechanical Properties:

Max. Recommended Pull Tension	72 lbs
Min. Bend Radius (Install)	2.70"

Connectors:

75 Ohm 3pc. BNC	CN-BN73-5	(Crimp Tool): TL-107	(Stripping Tool): TL-121
Compression BNC Type	CN-BNCSNS-5	(Crimp Tool): TL-SNSA	(Stripping Tool): TL-SNSST
Compression RCA Type	CN-CSRCA-6	(Crimp Tool): TL-SNSA	(Stripping Tool): TL-CSST

Specification Issue Date: 7/06

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