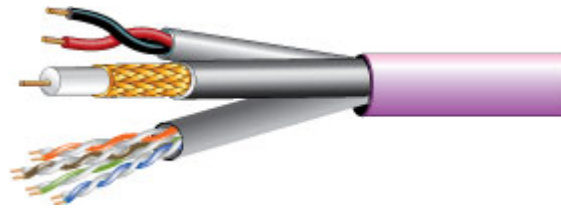


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Technical Data Sheet Media Control Cable



PART NUMBER:	E1854
DESCRIPTION:	Media Control Cable ELAN Via!
NEC RATING:	CM
APPROVALS:	(UL) C(UL) Listed
APPLICATION:	Indoor for: Media Control

Construction Parameters: Video

Conductor	20 AWG Bare Copper
Stranding	Solid
Insulation Material	Polyethylene – Gas Injected
Insulation Thickness	.142" Nom.
Number of Conductors	1
Shield	95% Bare Copper Braid
Jacket Material	PVC
Overall Cable Diameter	0.232"Nom.
Jacket Color	Black

Electrical Parameters: Video

Nom. D.C.R.	10.1 ohms/1000ft
Nom. Capacitance pf/ft.	16.2pf/ft.
Nom. Velocity of Propagation	82%
Nom. Impedance	75 Ohms

Construction Parameters: Category 5E Network

Conductor	24 AWG Bare Copper
Stranding	Solid
Insulation Material	Thermoplastic
Insulation Thickness	0.008" Nom.
Number of Conductors	8 – 4 pair
Shield	None
Drain	None
Jacket Material	PVC
Jacket Thickness	.020"
Overall Cable Diameter	0.191" Nom.
Jacket Color	Gray

Electrical Parameters: Category 5E

Nom. D.C.R.	26 ohms/1000ft
Nom. Capacitance:	14pf/ft
Standards:	TIA/EIA 568-B.2

E1854

Construction Parameters: Power Conductors

Conductor	18 AWG Bare Copper
Stranding	7x26
Insulation Material	PVC
Insulation Thickness	0.010" Nom.
Number of Conductors	2
Shield	None
Drain	None
Jacket Material	PVC
Jacket Thickness	.017"
Overall Cable Diameter	0.155" Nom.
Jacket Color	Gray

Electrical Parameters: Power Conductors

Nom. D.C.R.	6.2 ohms/1000ft
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Overall Cable Assembly:

Overall Cable Diameter	.479
Rating:	CM
Overall Jacket Color:	Violet
UL Standards:	UL444 – UL1685
RoHS Compliant	Yes

Specification Issue Date: 12/11

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