



Product Data Sheet

BELDEN 1855A HD Video Cable PVC

Description



Black 305 meter drum

AB-00-013

Primarily used for short run HDTV circuits in machine rack installations.

Attenuation

MHz	dB/100m
1	1.25
5	3.02
10	3.54
135	12.50
180	14.37
270	17.72
360	20.34
750	31.47
1500	42.65
2250	52.50
3000	60.70
4500	74.81



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Inner Conductor	Solid copper wire, bare, diameter 0.58 mm
Insulation	Foam-PE, diameter 2.59 mm
Outer Conductor	Duofoil under tinned copper braid 95%
Sheath Construction	PVC, diameter 4.04 mm (PVC available)
Sheath Colour	Black
Cable Weight	27kg/km
Minimum Bending Radius	38.1mm

	Video	Component	Component	1080i	1080p
Data Rate	270Mbps	360Mbps	540Mbps	1.5Gbps	3Gbps
Distance (m)	241	207	171	80	46
Frequency	135MHz	180MHz	270MHz	720MHz	1.5GHz

Electrical properties at 20 °C		
Characteristic impedance (Ω)	75 \pm 1.0	
Screening Factor	dB	\geq 90
Velocity	%	82
DC Resistance W/ km	Inner Conductor	62.9
	Outer Conductor	24.94
Return loss	5 - 1600 MHz	23
	1600 - 4500 MHz	21
Capacitance	pF/m	53.48