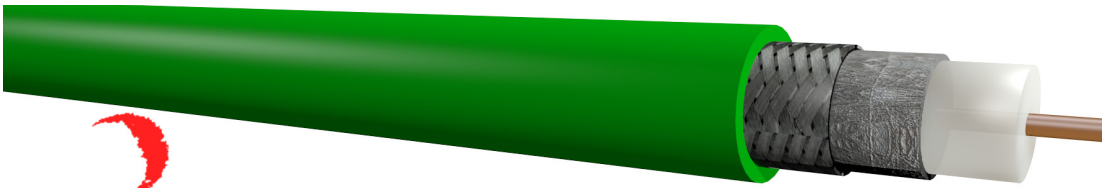


- Cable
- Fibre Optics
- Cable Assemblies
- Connectors
- Racks & Accessories
- Cable Management
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- Patch Panels
- Mains Distribution
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# PRODUCT INFORMATION

SERVING THE BROADCAST INDUSTRY

V814



## ARGOSY Image 360 HD Digital Video Cable 75 Ω LSOH

### Description

Manufactured exclusively for Argosy by Draka UK, the Image range of HD Digital Video cables have been carefully designed to provide superior performance at high frequency digital applications as well as also being suitable for the lower frequencies used in analogue applications. The small diameter of the Image 360 cable has an added benefit over traditional analogue video cables, by affording weight and spaces savings in high-density installations.

### Application

This cable is primarily used for in-rack wiring and OB trucks.

### Technical Data

Inner Conductor	Solid copper wire, bare, diameter 0.6 mm					
Insulation	Foam-PE, diameter 2.95 mm					
Outer Conductor	Al-PETP-Al-foil under tinned copper braid 95%					
Sheath Construction	LSOH, diameter 4.6 mm (PVC available)					
Sheath Colour	Green, Violet, Turquoise, Cream or Grey					
Cable Weight	15.5Kg (500m reel)					
Minimum Bending Radius	51mm					

	NTSC	PAL	Composite	Widescreen	1080i	1080p
SMPTE Standard	259m		259m	259m	292m	424m
Data Rate Mb/s	143	177	270	360	1500	2970
Tested Distance (m)					100	90

The previous table shows calculated transmission distances according to SMPTE standards and actual test results achieved under controlled laboratory conditions with the cable run between the signal generator and the WFM.

We recommend that you always conduct your own test as the defining element in the system is the kit being used. However if you need to assume a distance prior to testing please use the calculated figures and apply sufficient headroom.



*Specifications subject to change without notice. All trademarks are the property of their respective owners.*

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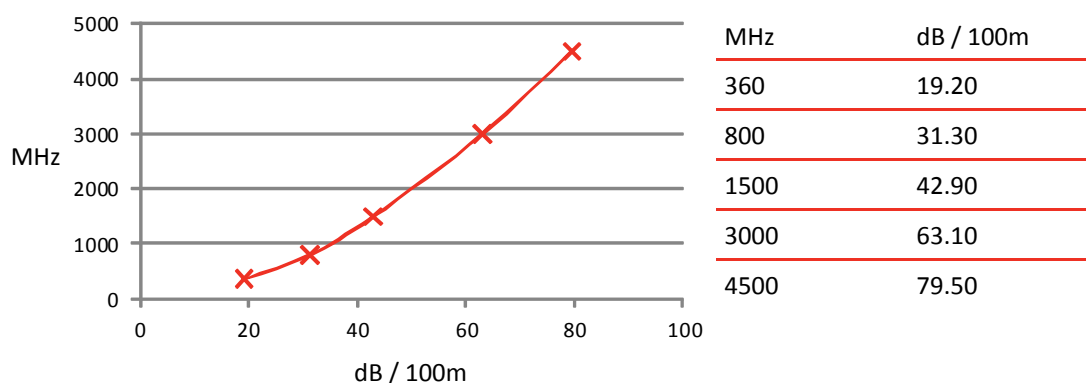
# PRODUCT INFORMATION

SERVING THE BROADCAST INDUSTRY

## Electrical properties at 20 °C

Characteristic impedance ( $\Omega$ )	75 $\pm$ 1.0	
Screening Factor	dB	$\geq$ 90
Velocity	%	78
DC Resistance $\Omega$ /km	Inner Conductor	61
	Outer Conductor	17
Return loss	50 - 300 MHz	26
	300 - 3000 MHz	23
	3000 - 3500 MHz	18
	3500 - 5000 MHz	15
Mutual Capacitance	pF/m	54

## Attenuation



## Product Codes

AA-05-001	Image 360 Green Per Meter
AA-05-002	Image 360 Green 500M Drum
AA-07-001	Image 360 Violet Per Meter
AA-07-002	Image 360 Violet 500M Drum
AA-08-001	Image 360 Grey Per Meter
AA-08-002	Image 360 Grey 500M Drum
AA-10-001	Image 360 Cream Per Meter
AA-10-002	Image 360 Cream 500M Drum
AA-11-001	Image 360 Turquoise Per Meter
AA-11-002	Image 360 Turquoise 500M Drum
AA-11-003	Image 360 Turquoise 100M Drum

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