



# Product Data Sheet

Argosy IMAGE 720 (LSOH)

## Description



Produced exclusively for Argosy by Draka Prysmian, the IMAGE 720 range of professional Digital Video cables are designed to deliver superior performance for SDI applications up to UHD 12G.

Primarily used for in-rack wiring in CTA and OB trucks, IMAGE 720 has a diameter of 5.8mm with LSOH Jacket providing weight and space savings in high-density installations. Suitable for 12Gbit/s, 4K (SMPTE 2082), UHD, HDTV (1080i, 720p, 1080p), SDI, SDV, SDTI, also for Composite and Component video standards.

Available in green, purple, turquoise, cream and grey colours, and in several reel sizes 100m 300m & 500m.



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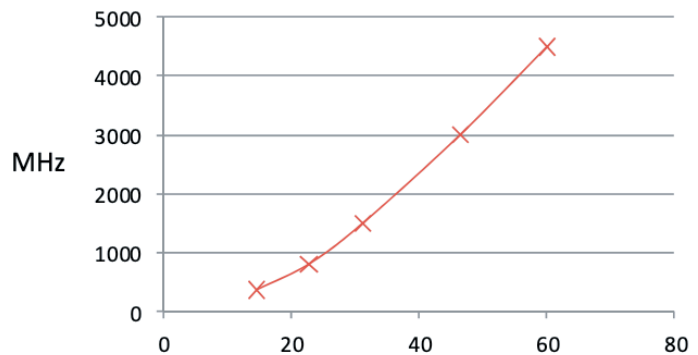
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## Product Numbers

Product	SKU
IMAGE 720 (LSOH) - GREEN 100M, 300M, 500M	AA-05-0011, AA-05-0013, AA-05-0105
IMAGE 720 (LSOH) - VIOLET 100M, 300M, 500M	AA-07-0011, AA-07-0013, AA-07-0105
IMAGE 720 LSOH - TURQUOISE 100M, 300M, 500M	AA-11-0011, AA-11-0013, AA-11-0105

## Attenuation

MHz	B/100m
3601	4.61
8002	2.80
1500	31.30
3000	46.50
4500	60.10





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Inner Conductor	Solid copper wire, bare, diameter 0.8mm
Insulation	Foam-PE, diameter 3.7 mm
Outer Conductor	Al-PETP-Al-foil under tinned copper braid 95%
Sheath Construction	LSOH, diameter 5.9mm (PVC available)
Sheath Colour	Green, Violet, Turquoise, Cream or Grey
Cable Weight	48kg/km
Minimum Bending	40mm

	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)					120	110

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.



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## Electrical Properties

### Electrical properties at 20 °C

Characteristic impedance ( $\Omega$ )	75 $\pm$ 1.0	
Screening Factor	dB	$\geq$ 90
Velocity	%	78
DC Resistance W/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