

## Evolution XPC flexible high definition coax



### Product overview

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<b>Part number</b>	301-340
<b>Product description</b>	Evolution XPC flexible high definition coax

### Cable construction

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<b>Conductor</b>	1 mm Stranded Construction 7 x 0.27 mm
<b>Insulation</b>	Dielectric Gas - Injected Foam PE
<b>Shield</b>	Screen 1: Tinned copper braid 95% coverage Screen 2: Tinned copper braid 95% coverage
<b>Jacket</b>	Material PVC, black Overall diameter: 7mm
<b>Marking</b>	Evolution XPC OFC Professional Flexible HD Broad-cast Coax 301-340
<b>Reel lengths</b>	100m Drum, 200m Drum, 500m Drum
<b>Revision History</b>	DCS-02 30-11-2016

**Specifications subject to change without notice. Please contact Direct Cable Systems to verify information.**

### Electrical characteristics at 20°C

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Rated Temperature	-20 °C to +70 °C
Velocity of Propagation	81%
Capacitance	53.14 pF/m
Impedance	75 Ω
Conductor Resistance	56 Ω/km @ 20 °C

### Electrical characteristics (CONT)

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Attenuation (dB/100m)	1MHz	0.72dB
	3.6MHz	1.64dB
	10MHz	2.39dB
	71.5MHz	4.77dB
	135MHz	6.46dB
	270MHz	9.30dB
	360MHz	10.96dB
	720MHz	22.96dB
	1 GHz	27.16dB
	1.5 GHz	34.34dB
	2.25 GHz	43.36dB
3 GHz	50.38dB	
4.5GHz	65.11dB	

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