

## Evolution XPC OFC extended distance HD coax



### Product overview

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<b>Part number</b>	301-330
<b>Product description</b>	Evolution XPC OFC extended distance HD coax

### Cable construction

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<b>Conductor</b>	1 single Construction 1/1.0mm solid pure copper
<b>Insulation</b>	Dielectric Gas-Injected Foam High Density PE
<b>Shield</b>	Screen 1: Aluminum foil 100% coverage Screen 2: Tinned copper braid 95% coverage
<b>Jacket</b>	Material PVC, black Diameter 6.9 mm
<b>Marking</b>	Evolution XPC OFC Professional HD Broadcast Digital Coax 301-330
<b>Reel lengths</b>	100m Drum, 200m Drum, 500m Drum
<b>Revision History</b>	DCS-02 29-04-2011

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

### Electrical characteristics at 20°C

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<b>Conductor Resistance</b>	56 Ohm/km @ 20 °C
<b>Capacitance</b>	53.1 pF/m
<b>Rated Temperature</b>	-20 °C to +70 °C
<b>Velocity Ratio</b>	82%
<b>Impedance</b>	75 Ohm
<b>Attenuation @20 °C (-dB/100m)</b>	@ 1 MHz : 0.64dB @ 4.4MHz 1.34dB @ 10 MHz : 2.02dB @ 30MHz 3.45dB @ 135MHz : 7.30dB @ 180MHz : 8.45dB @ 270 MHz : 10.15dB @ 360 MHz : 11.30 @ 800MHz 18.36dB @ 1 GHz : 19.50dB @ 1.5GHz 25.30dB @ 2.25 GHz : 31.70dB @ 3 GHz : 36.40dB @ 4.5 GHz : 43.60

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