

RoHS
Compliant

Cable Construction

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

Electrical characteristics at 20°C

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)

Attenuation (dB/100m)	1MHz	0.72dB
	3.6MHz	1.64dB
	10MHz	2.39dB
	71.5MHz	4.77dB
	135MHz	6.46dB
	270MHz	9.3dB
	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	

Part Number Table

Description	Part Number
Flexible HD Coax Cable, 7mm, Black, 100m	MP007905

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