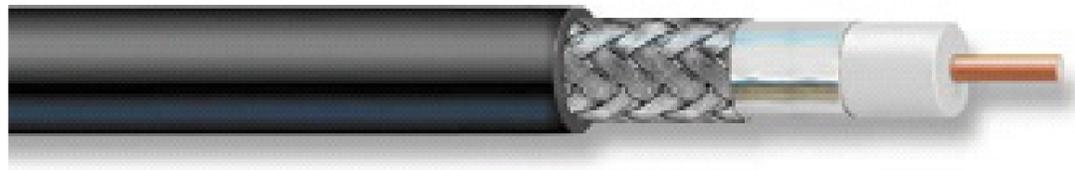




# Product specification

## HUGHES 400 SERIES LSZH



### Description

Hughes 400 series, 50 Ohm braided coaxial, black LSZH jacket

### Specification

Construction	
Jacket Colour	Black
Inner Conductor Material	CCA (Copper Clad Aluminium)
Dielectric Material	Physical Foam Polyethylene PE
Outer Conductor Material	Bonded Aluminium/polyester/aluminium tape+TC Wire Braiding
Outer Conductor Coverage	80%
Jacket Material	LSZH
Dimensions	
Inner Conductor	2.74 ± 0.02mm
Dielectric	7.24 ± 0.20mm
Shields	8.00 ± 0.20mm
Jacket	10.1 ± 0.30mm
Electrical Specifications	
Capacitance	77 pF/m
Impedance	50 ± 2Ω
Velocity	85%
Insulation Resistance	>5000MΩ.km
Cut-off Frequency	16.2GHz
Withstanding Voltage (AC)	2.5 KV
Sparkover Voltage	8.0 KV
Peak Power Rating	18.89 KW
Screen Efficiency	≥90 dB

*The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general informative purposes only and are subject to change*

**Hughes Electronics Ltd**  
Unit G, Southwark Business Center,  
Ayres Street, London, SE1 1ES, UK  
Co. No. 2827242 VAT No. 653 5771 17

Tel: (44) 020 7378 1400  
Fax: (44) 020 7378 1434  
email: sales@hugheselectronics.co.uk  
web: www.hugheselectronics.co.uk



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# Product specification

## HUGHES 400 SERIES LSZH

<b>VSWR</b>			
800-1000MHz		≤1.15	
1700-2000MHz		≤1.20	
2000-2700MHz		≤1.25	
3000-4000MHz		≤1.50	
<b>Attenuation</b>			
<b>Frequency (MHz)</b>	<b>Attenuation (dB/100m)</b>	<b>Frequency (MHz)</b>	<b>Attenuation (dB/100m)</b>
100	4.1	2200	20.9
150	5.0	2500	22.2
220	6.1	2800	23.9
450	8.9	3000	24.8
900	12.8	3500	27.3
1200	15.0	4000	29.4
1500	16.8	4500	31.4
1800	18.6	5000	33.3
1900	19.2	6000	37.1
2000	19.6		
*Maximum attenuation value shall be 110% of the nominal attenuation value			
<b>Environmental and Mechanical Properties</b>			
<b>Operating Temperature Range</b>		-40°C~+85°C	
<b>Minimum Single Bending Radius</b>		25mm	
<b>Minimum Bending Temperature</b>		-15°C	
<b>Additional Information</b>			
<b>Standard Conditions</b>		VSWR 1.0, 20°C cable temperature, 40°C Environment temperature, 100°C inner conductor temperature	
<b>Packing</b>		500m Drum, 550*150*340mm	

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