



MCGILL MICROWAVE
SYSTEMS

www.mcgillmicrowave.com

RG58-UF-LSZH Premium Shielded Coaxial Cable

McGill Part No: RG58-UF-LSZH



Construction Specifications		
Description	Material	Size (mm)
Inner Conductor	Stranded Bare Copper	0.90mm (7 Strands)
Dielectric	Foam PE	2.80mm
Outer Conductor	Aluminium Tape	2.95mm
Outer Braid	Tinned Copper Braid	3.45mm
Jacket	LSZH	5.00mm

Electrical Specifications		
Description	Unit	Value
Impedance	ohms	50
Capacitance	pF/m	80
Velocity of Propagation	%	80
W/S Voltage of Jacket	V(AC)	1,500
Dielectric Strength	V(DC)	1,000
Max Frequency	MHz	3,000

Temperature Range
-40/+85C

Contact us for more details

Unit 5, Block 9 Mitchelston Ind Est, Kirkcaldy, Fife, KY1 3PE, UK

Email: contact@mcgillmicrowave.com

Tel: UK +44 (0)1592 655428





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Mechanical Specifications		
Performance Property	Value	Unit
Bend Radius (Installation)	24.89	Mm
Bend Radius (Repeated)	49.78	Mm
Weight	0.05	Kg/m
Diameter	0.195	Inches
Diameter	4.95	mm

Attenuation vs Frequency		
Frequency MHz	Attenuation	Unit
150	17.4	dB/100m
200	20.1	dB/100m
220	21.1	dB/100m
450	30.5	dB/100m
900	36.5	dB/100m
1500	56.7	dB/100m
1800	62.4	dB/100m
2000	66.0	dB/100m
2500	74.3	dB/100m
3000	81.8	dB/100m

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