

Part N^o

056031 LL195 Solid Low Loss 5mm Coaxial Cable 50Ω Low Loss Double Shielded



Solid centre conductor
Fits standard RG58C/U Connectors

Construction

	Material	Construction	OD	Tolerance	Pitch
Centre conductor	Annealed Bare copper Wire	Single strand	0.94	OD ± 0.05 Strands ± 0.01	N/A
Insulation:(Dielectric)	Polyethylene	Gas injected Foam	2.79	± 0.05	N/A
Shield 1	Polyester/Aluminium	Unbonded Foil 0.12mm	3.03	± 0.05	N/A
Shield 2	Tinned Copper Wire Braid	7/16/0.127mm	3.49mm	OD ± 0.05 Strands ± 0.01	14 ppi
Jacket (Sheath)	Non-Contaminating PVC	Extruded	4.95mm	OD ± 0.05	

Mechanical Characteristics

Net Cable Weight	3.6 Kgs/100M
Cable Weight (incl spool)	3.9 Kgs/100M
Max recommended pulling tension	19 Kgs
Minimum Bend Radius	20 mm
Operating Temperature	-40°C to +80°C

Electrical Characteristics

Capacitance	98.4pF/M
Impedance	50 Ω Nom.
Velocity of Propagation	66%
Conductor DCR	3.29 Ohms/km
Shield DCR	1.25 Ohms/km
Nom Inductance	0.059 uH/ft (0.194 uH/m)
Peak Power	16 kW
Nominal Delay	5.05 ns/mtr
Maximum Operating Voltage	

Attenuation		
Frequency (MHZ)	dB/100M	Max Power Watts
30	8.4	600
100	11.8	400
200	16.8	300
400	24.0	215
500	32.0	160
800	36.5	140
1000	38.5	133

Packaging

Inventory Code	Jacket Colour	Spool Size	Spool Type	Spool dimensions	Shipping Pack	
056031	Black	100 mtrs	Cardboard	200x120mm	6/carton	380x420x220mm Carton G.W.17kg