

Part No 05603 RG58 Flexible Low Loss Foam 5mm Coaxial Cable 50Ω Double Shielded



Construction

	Material	Construction	OD	Tolerance	Pitch
Centre conductor	Tinned Copper Wire Braid	19/0.2mm	0.94	OD ±0.05 Strands ±0.01	N/A
Insulation:(Dielectric)	FPE- Foam Polyethylene	Polyethylene Foam	2.90	±0.05	N/A
Shield 1	Aluminium Foil Polyester	Tape-Aluminium Foil	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)	PVC - Polyvinyl Chloride	Extruded	4.9mm	OD ±0.05	
Flexibility	Plasticiser	65p			

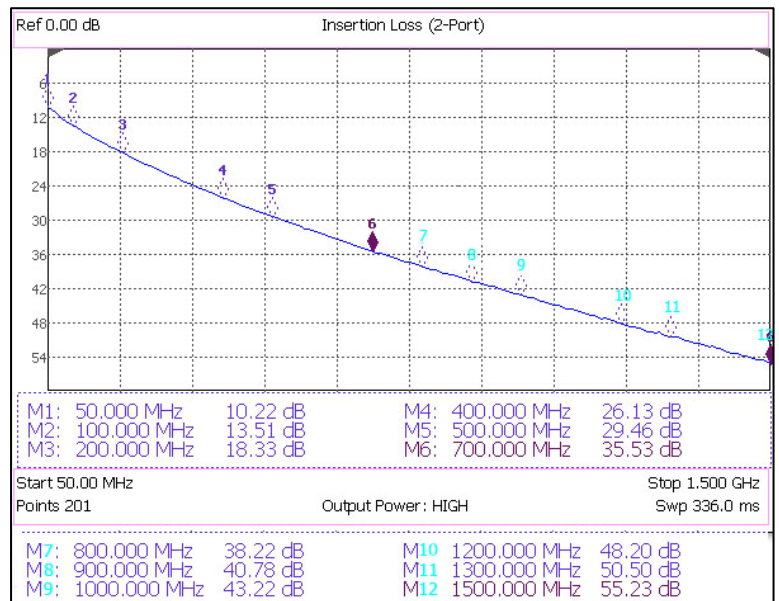
Mechanical Characteristics

Net Cable Weight	3.4 Kgs/100M
Cable Weight (incl spool)	3.57 Kgs/100M
Max recommended pulling tension	19 Kgs
Minimum Bend Radius	13 mm
Operating Temperature	-40°C to +80°C

Electrical Characteristics

Capacitance	85.30.4pF/M
Impedance	52 Ω Nom.
Velocity of Propagation	75%
Conductor DCR	2.68 Ohms/km
Shield DCR	5.18 Ohms/km
Nom Inductance	0.065 uH/ft (0.194 uH/m)
Peak Power	
Nominal Delay	4.46 ns/mtr
Maximum Operating Voltage	300 V RMS

Insertion Loss



Attenuation

Frequency (MHZ)	dB/100M	Max Power Watts
50	10.2	425
100	13.5	290
200	18.3	190
400	26.1	105
700	35.5	89
900	40.8	72
1000	43.2	60

Packaging

Pack Size	Pack Type	Box Dimensions	Shipping Box
100m	Cardboard Reel	380 x 210 x 400mm	6 reels/box G.W 26kg