

DATASHEET

COAXIAL CABLE RG178



CONSTRUCTION

	Material	Diameter	Configuration
Centre Conductor	Silver Plated Copper Clad Steel Wire	0.31 mm (0.012")	Stranded (7/0.102)
Insulation (Dielectric)	Solid PTFE	0.84 mm (0.033")	Solid
Outer Conductor	Silver Plated Copper Wire	1.33 mm (0.052")	Braid
Jacket (Sheath)	Fluorinated Ethylene Propylene	1.80 mm (0.071")	Light Brown

MECHANICAL CHARACTERISTICS

Net Cable Weight	8.4 kg / km
Cable Weight (incl. spool)	4 kgs
Operating Temperature	- 55°C ~ 200°C

ATTENUATION

Frequency (MHz)	dB / m	dB / ft
100	0.46	0.140
200	0.66	0.201
400	0.97	0.296
500	1.10	0.335
1000	1.64	0.500
2000	2.38	0.725
3000	2.99	0.911

ELECTRICAL CHARACTERISTICS

Capacitance	95 pF/m
Impedance	50 Ω
Propagation Velocity	70 %
Working Voltage	900 Vrms (Max.)
Operating Frequency	3 GHz (Max.)

PACKAGING

Inventory Code	Jacket Colour	Spool Size	Spool Dimensions	Weight
05608	Light Brown	305 m	153 mm x 153 mm x 102 mm	4 kgs