

QMA CONNECTOR SPECIFICATIONS

Electrical

Impedance	50 Ω
Frequency Range	DC - 6 GHz
Return Loss	DC - 3 GHz > 32 dB 3 - 6 GHz > 25 dB
Insulation resistance	$\geq 5,000 \text{ M}\Omega$

Mechanical

Engagement Force	5.6 lbs (25 N)
Disengagement Force	4.5 lbs (20 N)
Retention Force for Interface	$\geq 13.5 \text{ lb}$ (60 N)
Mating Cycles	100

Environmental

Temperature Range	- 40°C to +80°C
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