



Microwave driveline

Cri/oFlex®

Product sheet

Used for

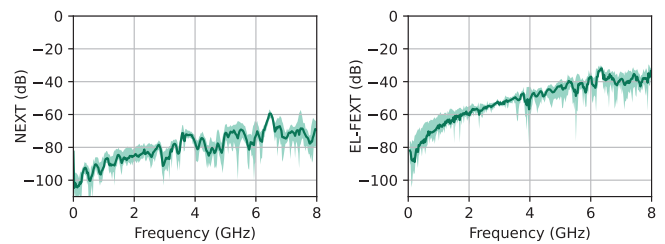
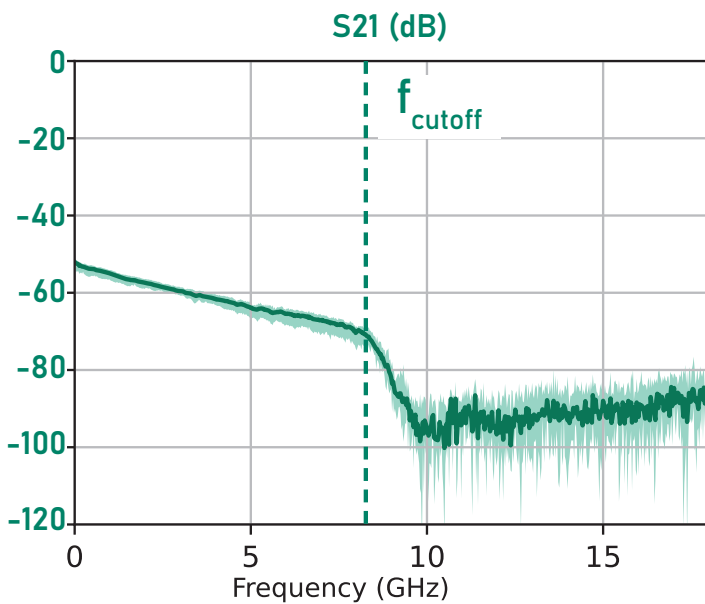
- Excitation between qubit states
- Measuring qubit state

Optimized for

- Signal power and integrity
- Noise temperature

Key features

- 8 transmon qubit drive lines
- 8 GHz low-pass filter
- 50 dB distributed attenuation
- Integrated infrared filter
- Provided with vacuum feedthrough



General specifications	
Storage temperature	0 K to 320 K
Operating temperature	0 K to 400 K (gradient)
Applications	Qubit drive for superconducting qubits or similar
Number of channels	8
Transmission type	Stripline
Connector type	SMA female / SMP
Primary flex materials	Polyimide, Silver (Ag)
Minimum bending radius	5 mm
Required length for 180° longitudinal rotation	10 mm
Vacuum feedthrough connection	KF25/40, ISO 100 side and top loader ports
Vacuum feedthrough leak rate	< 10 ⁻⁹ mbar L/s

