

- **Model:** HXLBQ-DTD50
- **Product Name:** Low Pass Filter
- **Frequency:** DC~17.5GHz

- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ Small Size

Technical Data Sheet	
Item	Parameters
● Cut Off Frequency	17.5GHz
● Pass Band Frequency	DC ~ 17.5GHz
● Pass Band Insertion Loss	$\leq 1.0\text{dB @ DC} \sim 16.8\text{GHz}$ $\leq 2.9\text{dB @ } 16.8 \sim 17.5\text{GHz}$
● Pass Band VSWR	$\leq 1.6:1$
● Stop Band Attenuation	$\geq 50\text{dB @ } 18.6 \sim 25\text{GHz}$
● Impedance	50 Ohms
● Power Handling	15W Max.
● Connectors	SMA-Female
● Surface Finish	Guide Oxygen or Painted Black
● Temperature Range	$-55^{\circ}\text{C} \sim +85^{\circ}\text{C}$
● Net weight	0.015 KG
● Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: $\pm 0.5\text{mm}$)	
◆ Material	● Housing: 6061 Aluminum alloy ● Dimensions: 18*17*10mm ● Connectors: Stainless Steel ● screw: Stainless Steel

