



# IPEX

## specification sheet

Electrical characteristics		
Impedance		50 $\Omega$
Maximum frequency		6 GHz
Working voltage		60 V <sub>RMS</sub> max.
Dielectric withstanding voltage		200 V <sub>RMS</sub> min.
VSWR	0 GHz to 3 GHz	1.3 max.
	3 GHz to 6 GHz	1.5 max.
Contact resistance	Centre contact	20 m $\Omega$ max.
	Outer contact	10 m $\Omega$ max.
Insulator resistance		500 M $\Omega$ min.

Materials			
Part name		Material	Finish
Body, metal parts		Phosphor bronze per QQ-B-750	Gold 2 $\mu$ "
Centre contact	Male	Brass per QQ-B-626	Gold 4 $\mu$ "
	Female	Phosphor bronze per QQ-B-750	Gold 4 $\mu$ "
Insulator		PBT, LCP per UL 94 V-0	Natural or black coloured

**Note:** Other materials or finishes may be available on request

Mechanical & environmental characteristics	
Engagement force	2 N max.
Disengagement force	2 N max.
Contact retention	2 N min.
Durability (mating cycles)	30 cycles min.
Temperature range	-40 °C to 90 °C