


# Specification for Coupler

KPA-MLC-452	MV Inductive Coupler	
	Parameter	Details
	Nominal voltage	24kV-36kV insulated cable
	Coupling mode	Phase-to-phase, Phase-to-earth
	Cable diameter	< 44 mm
	Operating Frequency Range	2 - 40 MHz
	Insertion Loss	< 3dB
	Connecting cable Impedance	50 $\Omega$
	Rated lightning impulse withstand voltage	5kV
	Insulation resistance	>100M $\Omega$
	Dielectric strength	5kV
	Nominal current 50Hz	300A
	Operating temperature	-20 °C / +60 °C
	Connection to communication terminal	BNC connector
Safety isolation	According to IEC950	