



## Datasheet

Model Number : TMSR30TF

# DC~3GHz, Gas Tube, TNC, 50 Ohms Lightning Surge Protector

## Specifications

Frequency Range	DC-3GHz
Impedance	50 Ohms
VSWR	1.25 max
Insertion Loss	0.25dB max
Impulse Breakdown Voltage	1kV max(@1kv/μs)
DC Breakdown Voltage	90V±20%(100v/s)
AC Discharge Current	5A(50Hz)
Surge Discharge Current	5kA (8/20 μs)
Maximum Withstand Current	10kA (8/20 μs)
RF Peak Power	150W max
Durability	Mating Cycles≥500
Connectors	TNC female to TNC female
Housing	Nickel Plated Brass
Insulator	PTFE
Operation Temperature	-45°C~+80°C
Waterproof Rate	IP67
Working Humidity	<85°C/85%RH-48hrs
RoHS Compliant	Yes