

## DIVIDER-COMBINER-SPLITTER 800/6000 MHz 2 WAYS

T-SP800/6000.02

### MECHANICAL SPECIFICATIONS

Material	Housing : Aluminium - Surtec650 Connector : Brass, Try-alloy plate Connector Pin : Phosphor bronze, gold plate Insulator : PTFE
Connectors type	3x "N"Female 50 Ohm
Operating temp.	-65°C to +85°C
Weight	About 200g
Dimension	39.6x72x22.2(mm)
IP Protection Class	IP55



### ELECTRICAL SPECIFICATIONS

Frequency range	800 ÷ 6000 MHz
Impedance ( Ohms )	50
Insertion loss (MAX)	1.0dB (Above 3.01dB Split)
Amplitude balance (MAX)	0.4dB
Phase balance (MAX)	4 DEGREES
Isolation (MIN)	20dB
Input VSWR (MAX)	1.4 :1
Output VSWR (MAX)	1.3 :1

### RF INPUT POWER RATING (POWER DIVIDER SPLITTER)

INTO MATCHED LOAD VSWR's	IN-PHASE	180°OUT-OF-PHASE
1.2 : 1	40W	40W
2.0 : 1	40W	10W
∞	20W	1W

### RF INPUT POWER RATING (POWER COMBINER)

Coherent signals (IN-PHASE)	2 x 20 W
Coherent signals (180° OUT-OF-PHASE)	2 x 0.5 W
Non-coherent signals	2 x 1 W