



## DESCRIPTION

The HP 11850C, illustrated above, is a 50 $\Omega$  three-way power splitter for use in network measurements where one arm of the power splitter is used to supply a reference signal for leveling or ratio measurements.

## OPERATING CHARACTERISTICS

Impedance (nominal):	50 $\Omega$
Frequency range:	DC to 3 GHz
Tracking (between any two output ports):	$\pm 0.3$ dB, $\pm 3.5$ degrees
Equivalent source match (ratio or leveling):	26 dB, DC to 1.3 GHz; 20 dB, 1.3 to 3 GHz
Input port match:	20 dB, DC to 1.3 GHz; 10 dB, 1.3 to 3 GHz
Insertion loss (nominal):	9.5 dB $\pm 0.5$ dB/GHz, 300 kHz to 3 GHz
Maximum operating level:	+20 dB
Damage level:	+30 dB

## PHYSICAL CHARACTERISTICS

Input and output connectors:	50 $\Omega$ type-N (f)
Dimensions:	67 mm by 46 mm by 67 mm (2.6 in by 1.9 in by 2.6 in)
Weight, net:	1.8 kg (4 lb) shipping: 3.1 kg (7 lb)