

KEYSIGHT TECHNOLOGIES (AGILENT HP)

11692D

The Keysight (Agilent) 11692D is a high-performance coaxial dual-directional coupler covering the 2 to 18 GHz frequency range. Featuring a 20 dB nominal coupling factor, excellent directivity, and low SWR, it is optimized for broadband reflectometry measurements, enabling simultaneous characterization of reflection and transmission parameters.

SPECIFICATIONS

General

Display	None (passive device)
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Physical

Power Supply	Passive (no power supply required)
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RF Performance

Frequency Range	2 to 18 GHz
Nominal Coupling	22 dB
Maximum Coupling Variation	±1 dB (incident to test port)
Minimum Directivity (2 to 8 GHz)	30 dB (24 dB with Type-N connector on test port)
Minimum Directivity (8 to 18 GHz)	26 dB (24 dB with Type-N connector on test port)
Maximum Primary Line SWR (2 to 12.4 GHz)	1.3
Maximum Primary Line SWR (12.4 to 18 GHz)	1.4
Nominal Impedance	50 Ω

Physical & Interface

Configuration	Dual-directional
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Power

Maximum Average Input Power	50 W
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TECHNOLOGY

Coaxial RF/Microwave

APPLICATIONS

Broadband Reflectometry

Generated by SpecAtlasHub (specatlashub.com). Specifications are compiled from available sources and are subject to change — verify critical values against the manufacturer before purchase.