

Specifications Summary

	HP 85046A	HP 85046B
Impedance	50 Ω	75 Ω
Frequency Range	300 kHz to 3 GHz	300 kHz to 2 GHz
Directivity	35 dB to 1.3 GHz 30 dB to 3.0 GHz	35 dB to 1.3 GHz 30 dB to 2.0 GHz

Typical tracking

Transmission magnitude, phase^{1,2,3}

.3 MHz to 2.0 MHz	± 1.5 dB, $\pm 20^\circ$	± 1.5 dB, $\pm 20^\circ$
2.0 MHz to F_{\max}	± 1.5 dB, $\pm 10^\circ$	± 1.5 dB, $\pm 10^\circ$

Reflection magnitude, phase^{1,2,3}

.3 MHz to 2.0 MHz	± 1.5 dB, $\pm 25^\circ$	± 1.5 dB, $\pm 25^\circ$
2.0 MHz to F_{\max}	± 1.5 dB, $\pm 10^\circ$	± 1.5 dB, $\pm 10^\circ$

Effective source match³

(Test Ports)

.3 MHz to 2.0 MHz	14 dB	14 dB
2.0 MHz to 1.3 GHz	20 dB	17 dB
1.3 GHz to F_{\max}	16 dB	16 dB

RF connectors

Port 1, 2	precision 7 mm	75 Ω type N (f)
All others	50 Ω type N (f)	50 Ω type N (f)

Includes: Four 190 mm (7.5") cables with type N (m) connectors for connection to the HP 8753C. One HP 8753C test set interconnect-cable.

Recommended Accessories

HP 11857D cables HP 11857B cables

Size: 90 H x 426 W x 553 mmD (3.5" x 16.75" x 21.5")

Weight: 9.1 kg (20 lb)