

TECHNICAL FEATURE

FEATURES

- 6 - 40 GHz
- 4 - Way
- Ultra-Wideband
- Uniform Phase & Amplitude Balance
- High Isolation & Low Loss
- K-Connector

PRINCIPAL SPECIFICATIONS

Model Number	Frequency Range GHz	Isolation dB Min.	Insertion Loss, dB Max.	Phase Balance Max.	Amplitude Balance dB Max.	VSWR Max.		CW Input, W, Load VSWR out		Weight Nom. oz (g)
						In	Out	1.2:1	∞	
PDK-45R-23G	6.0 - 40.0	14	2.9	10°	1.0	2.0:1	2.0:1	30W	1 W	4.4 (125)
PDK-45R-29G	18.0 - 40.0	14	2.5	10°	1.0	2.0:1	2.0:1	30W	1 W	4.4 (125)

GENERAL NOTES

1. The PDK-45R series of 4-way In-Phase Power Divider/Combiners covers 6-40 GHz. Each uses an original wideband stripline design providing high isolation and low VSWR over broad operating bands.
2. Each are encased in a miniature machined housing that provides an effective RF shield.
3. Connectors are K-type to provide an excellent interface match beyond 40 GHz.

PERFORMANCE NOTES

Impedance50 Ω nom.
 Operating Temperature.....-55° to +85° C

PACKAGE OUTLINE

