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DC2150: 850MHz – 2450MHz, Coupling 2 x -20dB

The DC2150 is a directional coupler for L-Band (950 – 2150MHz) and extended L-Band applications (850 – 2450MHz). It is especially designed for use in combination with our dual RF-Power Meter PwrM3G but can of course also be operated independently.

Corresponding 1RU/19" rack mount chassis allow insertion of 1 or up to 8 DC2150 directional couplers.



TECHNICAL SPECIFICATIONS

Dimensions (Module):	100 x 60 x 15mm high
Weight (Module):	250 g
Dimensions Chassis:	1RU/19" rack mount
Frequency Range:	850MHz – 2450MHz
RF Power:	10W max.
Insertion Loss Main:	950 – 2150MHz -0,5dB ±0,25dB, 850 – 2450MHz -0,75dB ±0,4dB
Coupling:	950 – 2150MHz 2 x -20dB ±0,25dB, 850 – 2450MHz 2 x -20dB ±0,5dB
RF Connector:	SMA(f)
Return Loss:	< -18dB all ports
Operating Temperature:	0°C to 45°C
Storage Temperature:	-10°C to 70°C
Humidity:	90%, non-condensing
RoHS:	Compliant

ORDER INFORMATION

Type	Type No.	Short Description	Connectors
DC2150	9000908	L-Band / Ext.-L-Band Directional Coupler -20dB	4 x 50Ohm SMA(f)
SP2150-12-50S	9001164	L-Band / Ext. L-Band Passive 1:2 Splitter for output expansion	3 x 50Ohm SMA(f)
DC2150-1-1RU-Chassis	9001079	1RU/19" rack mount mounting panel, 1 slot	n.A.
DC2150-8-1RU-Chassis	9001063	1RU/19" rack mount mounting panel, 8 slots	n.A.