



C0518-XX SMA Directional Coupler 0.5-18 GHz

Rev 000



Electrical	
Frequency	0.5-18 GHz
Impedance	50 Ohms
Mechanical	
SMA Interface per	MIL-STD-348B
Operating Temperature	-55°C to +85°C
Materials	
Body	Passivated Stainless Steel
Contacts	BeCu per ASTM-B-196
Contact Plating	Au Per MIL-G-45204
ROHS Compliant	

Coupling(dB)	10	20	30
Deviation(dB)	±1.5	±2.0	±3.0
Insertion Loss(dB)	2.6	1.6	1.5
VSWR @ 8 Ghz	1.35	1.30	1.30
VSWR @ 18 Ghz	1.60	1.35	1.35
Flatness(dB)	±7.5	±7.5	±8.0
Directivity @ 4 Ghz	22	22	20
Directivity @ 12 Ghz	15	15	12
Directivity @ 18 Ghz	10	10	9

