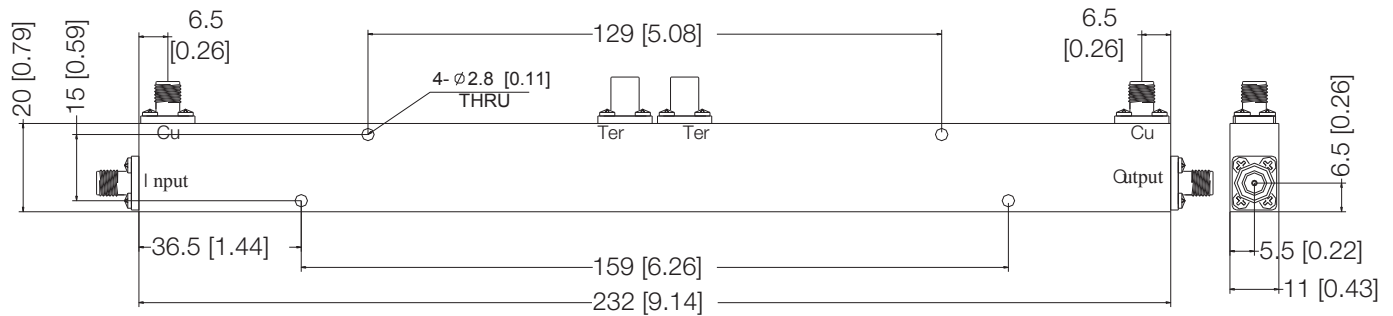


KDC177370

Coaxial 0.5~6GHz 20dB Dual Directional Coupler



All Dimensions in mm (inches) Tolerance ± 0.25 (0.01)

Parameters	Min.	Typ.	Max.	Min.	Typ.	Max.	Units
Frequency Range	0.5		2	2		6	GHz
Nominal Coupling	19	20	21	19	20	21	dB
Frequency Sensitivity		± 0.7	± 1		± 0.7	± 1	dB
Directivity	20	22		18	20		dB
Insertion Loss (Excl Coupling)		0.6	0.9		1.0	1.2	dB
VSWR Primary		1.2	1.25		1.2	1.25	
VSWR Secondary		1.2	1.25		1.2	1.25	
Power Rating	Average	50					W
	Peak	500					W
Impedance	50					Ohms	
Operating Temperature	-45 to +85					°C	
Weight	5.1					Ounces	
Input / Output Connector	SMA-Female						
Material	Aluminum						
Finishing	Gray Paint						

Environment specifications

Operational Temperature	-45°C~+85°C
Storage Temperature	-55°C~+125°C
Altitude	30,000 ft. (Epoxy Seal Controlled environment)
(Optional)	60,000 ft 1.0psi min (Hermetically Seal Un -controlled environment)
Vibration	25g rms (15 degree 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35c, 95%RH at 40°C
Shock	20G for 11msc half sin wave,3 axis both directions