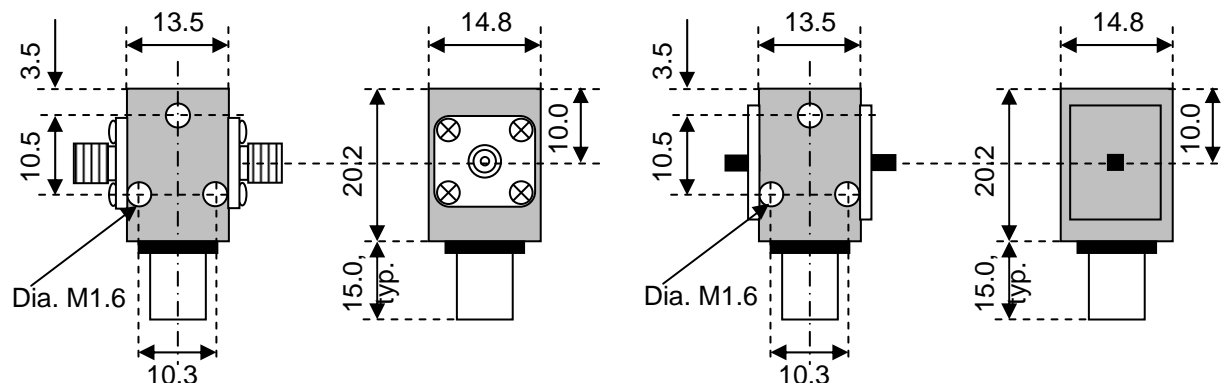


Coaxial Isolator or Circulator, 7.20-10 GHz, Split Bands Cryogenic, 15-77°K, SMA or PIN Connectors, ≤0.5Watts



Units: mm
Not to scale

Optional – Input/Output pin: Ø=9mm, Length=3.0mm

Direction of RF:	
R	Default ▶
L	◀

Order Examples: **RADI-7.20-7.80-Cryo-77°K-S3-0.05WR-b**
I=ISOLATOR / C=CIRCULATOR

Warning: Devices have a steel magnetic shield; the distance from device to any other steel element should be more than 30mm.

SMA Connector options (X)				
Isolator			Circulator	
Port 1	Port 2		Port 3 Male	Port 3 Female
Female	Male	-1	-11	-21
Male	Female	-2	-12	-22
Female	Female	-3	-13	-23
Male	Male	-4	-14	-24

Specifications:		Preliminary		Units
Frequency	7.20-7.80	8.0-10	8.15-8.75	GHz
Insertion loss	0.2	0.35	0.2	dB (maximum)
Isolation	22	19	22	dB (minimum)
VSWR	1.18:1	1.25:1	1.18:1	Maximum
Rated power (forward)	0.5	0.5	0.5	Watts (average)
Rated power (reverse)	0.5	0.5	0.5	Watts (average)
Operating temperature	77	15	77	°K
Specs @ - Room Temp (+15 to +35°C)	0.3/19/1.30:1		0.3/19/1.30:1	I.L. / ISOL / VSWR

RADCorI-7.20-10-Cryo-15-77K-SX-0.5WR Generic-b Specifications may be subject to change **08/28/12**

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